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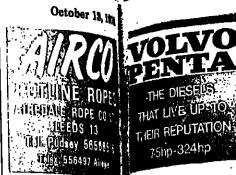
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Official and Classified **ADVERTISEMENTS**

Continued from Page 39

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morning.

First shots by

THE INVASION of the Cornish mackerel grounds got under way

with two modest shots by the Hull trawler Arctic Corsair — the first visitor to put in an appearance. Just a mile away, out in the Carrick

The first lending, 76 tons on Thursday last week, saw the vessel going back to sea with 20 tons still on board because of a blocked.

hecause of a blocked pump.
By Monday, when Skipper
Harry Wauby was back to
land 47 tons, the teething
problems had been sorted
out. Both landings went to
the Hull fish most plant

the Hull fish meal plant

where prices are about £53 a ton delivered.

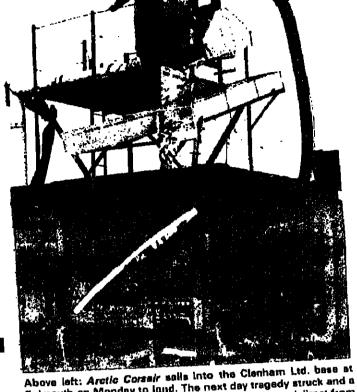
Arctic Corsair had arrived

in Cornwall after being "warned off" the Minch

grounds for using otter

THE British Government has both the law and scientific evidence on its side to back its latest conservation measures, the EEC has been told interpreted by the common market opposition to British conservation measures.

The reply answers a note from the Commission on C



Falmouth on Monday to land. The next day tragedy struck and a crewman was killed. Above: mackerel being pumped direct from the fish hold into waiting railway trucks for transport to the meal factory. Below: Spes Magna, the Irish purser, pictured this week after off-leading to a factory ship in Carrick Road.

Road on Monday, six Polish and Russian factory ships were on station awaiting the arrival of the Scottish purse-seiner fleet. A close watch was being kept on Arctic Corsair's landing, which provided the first test for the new fish landing facility set up at Falmouth Docks by Clenham Management Ltd. The first landing 76 tong John Williams. Boyd Line former side trawler was fit-

'AEOLUS' All the way



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Aeolus, a new 74ft. seinertrawler, fishing out of Peterhead under the command of Skipperowner George Findlay, has been equipped with a dual Decca Navigator Mk21 receiver installation to take advantage of the excellent inter-Chain position fixes that may be obtained in areas of overlapping Decca coverage. A Decca 350T Track Plotter automatically records tracks and tows and accurate steering is assured with the Decca 450 autopilot.

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Crew abandons

blazing 'Okino'

vices Commission grant towards providing work for five young deckhands under the Government's

Mark Hamer, Fleetwood Fishing Vessel Owners' First, it must reflect the pointed over the union's attitude.

He added: "It's very important for boys who have left school to be offered work or training opportunities. It is not as though we are talking of large numbers. Ultimately we are going to find ourselves in a position where younger neen are no langer coming into the industry.

However, the Transport and District Union's fisheries Issue fall a long the industry.

It says that Common Markot proposals on the fisheries issue fall a long total floweyer, the Transport and District Union's fisheries issue fall a long total floweyer, the Transport and District Union's fisheries issue fall a long total flowers, said that unemployment in the fishing industry.

However, the Transport and District Union's fisheries issue fall a long total allowable oatch be fold allowable oatch be started.

He explained: "Unless they push somehody else out of a many of their traditional grounds." Third, not only should the necessary, unilaterally."

He was a position where younger on the fisher men."

It says that Common Markot proposals on the fisher in the fishing industry ment in

push somebody else out of a many other matters has ob these lads have no future in fishing. Untold numbers of are inclined to be less cojobs have evaporated operative on issues vital over the last three years and to British interests, such many of the men are still on as fishing.

Authority grant.

Deckhand TORY PARTY Chain up add was severely object on the state of t GOES ON FLEETWOOD'S owners' association has been refused a Manpower Services Commission grant for five young deckhands under the Government's Work Experience Scheme because of opposition by the Transport and General Workers' Union. Mark Hamer, Fleetwood Mark Hamer, Fleetwood Fishing Vessel Owners' THE CONSERVA. satisfy five basic re-should have sole responsibility for control over

training to be done it should be of the unemployed."

However, the scheme is to go shead with a White Fish Authority grant.

"Our policy is quite clear. John Peyton [Shadow Fisheries Minister] has said on many occasions that many occasions that any fisheries settlement must

ANY PURSE seiner or trawler caught fishing the life rafts.

ly for mackerel within the three-mile limit out the fared Okino might exchained up, it was urged at last Friday's methods.

Devon Sea Fisheries Committee.

"We must be bloody-minded and do something spectacular to show that we intend to fight for what we believe in," said Plymouth city councillor Reg Glinn.

Marcel Gallin, chairman of Torbay and Brixham Fish Ltd., said that arresting and

chaining a vessel was the practice years ago. He said that, if it was still a legal method, the fishery officer Harry Worden should be

Silkin expressi!

"I fully accept (

missioner Gundeli repudiation of his.

dinate's recent ill. remarks on fisheres ru United Kingdom," se: Silkin, "What wornes?

that behind the obia. aggerations lies a deep-refusal of the EEC to w

tand just what tele

means to an island to

whose existence and ÷ have always been but:

only minor important

us. To Brussels a few t

of herring or materi provided they take it British waters — is to

here nor there. Adds bit'r

subtract a bit there ari

have solved the whole mon Fisheries Policy

our fishing industry sectionservation of fish state.

"That, of course, 92 the basic difference to

Silkin has made

with the sea. "Brussels in their words regard fishenes

The only serious injury was the only serious injury was the original through the original transfer of the original transfer or the original transf of Grimsby, who suffered badly from burns. A helicopter from RAF Losiemeuth flew a doctor to himon board Haughytt and he eas later airlifted to Aberden Royal Infirmary where he was said to be progressing all this week in the burns with the said to be progressing and the said the said to be progressing and the said t

Tail.
Okino, owned by H. L.
Taylor Ltd., had left Grimsby
to October 8, and was workto the grounds to the northacts of Foula, off the
stateds when the accident Shalands, when the accident occurred.
The drama began about 5

The drama began about beam with a small explosion in the engineroom, immediately followed by the fire.

It is thought that a pipe carrying diesel fuel split and fuel oil gushed on to the main Okino worries over the E-attitude to the fairing dustry during a sped. fishermen at the head at Eyener Scotland, last Sauri

towed to Lerwick, Shetland. The fierce blaze is to be investigated by her insurers.

other 11 men were put ashore for a while, but as the fire worsened they were also for a while, but as the fire worsened they were also for a while, but as the fire worsened they were also for a while, but as the fire worsened they were also for they worsened they wo

NORWAY
FINN Gundelach, the
EEC Commissioner,
held several days of talks in Norway this week to try to agree new guidelines and procedures for negotiating quotas for North Sea fish.

Negotiations on 1979 quotas start in Brussels next

nonth.

The talks were with Jen Evensen, Norway's Law of the Sea Minister.

Mr. Gundelach said some progress had been made in bringing Norwegian and EEC fisheries policies closer. But Mr. Evensen made it clear that no turning point had that no turning point had been reached.

The Commissioner believ-ed the chances were good now of bringing the matter to a successful close, with Britain's signature included. He disputed the view that the EEC's fisheries policy was in chaos, pointing out that it took five years to reach agreement on an agriculture policy, while fishing talks had

been going only for two.

And he described the controversy about his exchange of letters with John Silkin, the U.K. Minister, as "a storm in a teacup."

AN ORDER worth about c117,000 has been received by Dunlop GRG Division Marine Safety Products facfield gushed on to the main engine.

Okino — towed to Lerwick, Shetland. The fierce blaze is to be investigated by neither interests of into Lerwick, It is understood.

Okino — towed to Lerwick, Shetland. The fierce blaze is to be investigated by neither into lerwick and finally week. A spokesman for H. L. Marine Safety Products factory near Wigan for 100 into Lerwick. It is understood into Lerwick.

Celtic Sea ban -arrests made

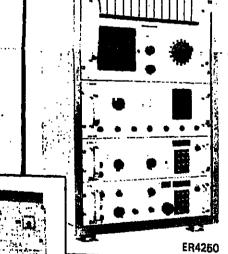
FWO IRISH trawlers were arrested off Dunmore East last week as the Celtic Sea ban on herring fishing was enforced by the Irish Government.

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SAIT ELECTRONICS SAIT Wireless House, 29/31 River Road, Barking, Essex IG11 0BX Cledianics Skipper Frank Scallon was "It is a travesty of justice arrested when his trawler, that Irish fishermen should Anna Maria II, was boarded be arrested when the Dutch off Baginbun Head. Irish are allowed to fish un-

with him in protest.

small drift-netter, Sefarer, while fishing for herring within Waterford Harbour. He was one of 35 small boats drift-netting at the time.

drift-netting at the time.

Strong complaints against the action were issued by the Irish Fishermen's Organisation, which, in what is becoming almost a routine action, condemned the Minister for Fisheries, Brian Lenihan.

Chairman Joev Murrin

Chairman Joev Murrin

Chairman Joev Murrin

Chairman Joev Murrin

naval officers escorted him hindered. While our native into Waterford and seven fishermen who have fished other Irish trawlers sailed the south-east all their lives with him in protest. are being hounded by the The arrest was carried out Irish Navy, multi-nationals by the protection vessel on the Continent are able to Grainne and, the following day, Setanta arrested Skipper Noel McDonagh and his the whole affair," he said.

Chairman Joey Murrin said the Minister should close the Celtic Sea to all fishermen

— Irish included — for pelagic fish. It was the only She averaged £40.99 per kit for its codetuffs. for its codstuffs.

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seining GRIMSBY'S MP, Assistantial Mitchell, had a taste life aboard a Griss

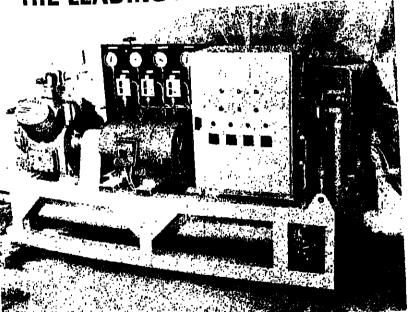
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anchor-seiner over
weekend.
Before he was alecte!
April last year, Mr. Mittel
promised his voiers he was
sample life at ass as a seine
man and had so (see the series)
Grimsby on October 13
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There would you are come subar and house the subar and the

Yet another closure is about to take place. The proof and experimental astablishment Eskmeals, in Cumbria, hopes by local country bye-law to ture with a Danish consortium 'restrict cartain activities" __ to transport sprats to Denmark i.e. fishing within a five and pumps were brought in i.e. fishing within a five and pumps were brought in nautical mile radius west of the from Norway to discharge the for whom a market was the Peterhead ice Co. which establishment of the boats boats. operating from Revengless — These pumps are used with creased their capacity or the sure sufficient ice for vessels tained in the article were

The area in question is Norweglans for discharging coast who again depended on MacLean's. almost the total fishing ground capelln but because of the Scofisco. --- we would be finished.

In the past very little protest has been made when the Ministry has secured other Ministry has secured other areas. Melnly, like ours, the Let's find out the facts But now our deep-sen industry is almost totally run down, sur-oly we should be able to fish more readily on our own in-shors waters.

They're welcome', Fishing News, October 13, is obviously fast becoming a national and political issue in

We do not hold out much which I have no desire to get hope for ourselves; we are only involved. However, i feel that I lest year that factory ships environment. I wonder if your a small minority compared could be in a position to make appeared in our loch and the reader would be so receptible with the Ministry. But this is not the real point which is, in commercial scallop and creel the future, how many more disherman diver, have seen obvious decline in fishing is atfishermen are to be ruined by virinst engaged in diving the activities of the Ministry of the vicinity of the factory ships and indeed, as far away as Ullapool, rely on prawn creal achieve nothing if we are not DAVE SMYRL. fishermen are to be ruined by

It would be interesting to becoming a normal occurance we have some right to protect in an organised manner, 19 Morefield Place, know exactly how many sea miles of good fishing grounds era closed in the UK. In our area of the North Irish Sea, Luce Bay is closed for more which invariably adheres to my to find dead and decaying tion for our static gear and our neither will we arrive at a solu-Bay is closed permanently and offensive smell. wet suit and leaves a very SIR, I am replying to my critic fishing is prohibited on a stretch of west coast off the considered relative is that this has not been the case in recent years and I, for one, would fael have shipped winter herring to the considered to the consi

I know there are areas off the Weish and Pembrokeshire justified in laying the blame for but do not have any details.

Anyway, who wants a gun having made these obserrange slap next door to one of vations. the biggest bangs in Europe ---

MIKE JOHNSON (SKIPPER) Honny House, Ravenglass, Cumbris.

conduct a dialogue with a fishing sprats the pumps did

The SFO has never spent £38,000 on fish pumps as cialmed by Mr. MacLean. The SFO did enter into a joint ven-

great success by the scallop fishermen on the west using Peterhead such as Mr. presented to the SFO prior to

Whilst angaged in diving in

The point here that must be

Your reader is correct in his

been a harring centre for over

300 years, but his remarks that

foreign "processed products"

must be clarified. It was only

then returned to the makers in Norway and they have since been sold to Canada,

ment invested a further Tarbert, Carradale and £575,000 and gave the firm a Campbeltown not to mention loan of £250,000.

It is, of course, disappointing

involved. However, I feel that I last year that factory ships environment. I wonder if your tion if we split the camp into a

tributable to these huge water on a clean bottom?

mackerel-devouring ships. It is blatantly obvious that the sa We, as fishermen living in fishermen as a whole will year?

SIR, I am replying to my critic whose letter appeared in Fishing News, October 13. It is a fact that through the years a

Certainly these ships take pretty good relationship of fishing.

Mr. Muir and myself.

the continent. It is not true coast processing plant

though that these fish have

The SFO did invest £25,000 MacLean that £25,000 was a the Peterhead vessels which

fished for shrimps. that despite these injections of as far as spending money in cash the firm falled. I wonder, Peterhead is concerned, it has however, if Mr. MacLean has to be pointed out to Mr. Braehead spoken to any of the skippers MacLean that the SFO is the 601 Queensferry Road, assured till other processors in- was last year expanded to an- Editor's note: Allegations con-

home port, but am disappointed that he chooses not to fuel at the SFO's Peterhead Oil-I would suggest to Mr. Depot on a regular basis.

> I hope in future that Fishing News will make some attempt to check the facts it prints before it rushes off to press.

JAMES LOVIE Chairman/Chief Executive Scottish Fishermen's Organisa

Edinburgh EH4 6EA.

SIR, Refering to recent ticles on conservation demand for exclusive & mile limits, wouldknot start if our own flat were first to observe three-mile limit, and it is authorities and fisher protection services was

Firth of Clyde has deliver into "mob-rule" by its trawlers and we way fishermen, have been gri threatened with hause and in one case violence it. continued to complain to "the boya" illegally task's

Failure to provide r necessary protection to a livelihood would only index further deterioration is government's policy of to a vation so explicitly fought? the same problems again next EEC policy (Fishing Hem).

fishing for our existence. Surely united and go about things Skipper, Golden West (LIL61),

On consultation was agreed that governof tougher policies are reg. 1 to alleviate the situations occurring in Ullage Clyde, and other places w's illegai vassais are " Many of the pair trawl threatening the way of the employees and cold storage skippers were drift net many on small legal vests

a poor following season's though that these fish have employees and cold storage skippers were drift net prawn fishing over the grounds been processed, they were owners share the enthusiasm fishermen in their time and of private motorists such as must understand the either ice-boxed or barrel- of private motorists such as must understand the laws would ensure that? vulnerability of static gear. At would be a future in this it is a quite different matter incompatible? There always believe, afforded the protection conservationalist policies. statement that Ullapcol has to have 20 odd factory processincrease, not decresse and ing vessels disgorging their creel men working near any and we do have a case to ask ment possibilities when the to this that we object. coast we have developed a our particular method of

A COPY

SIR, May I draw your attention Clyde as the

The name "Wingless Wonder". Wonder", as well as the basic Boris has been an Month concept of the trawl, have been in net design for man In common use by the Boris years, and it is grething.

Net Co. Ltd. of Fleetwood for another net manufacture. The first net was made for George Watt, Fraserburgh, at a time when continental net manufacturers were working with the second of the second o

Grimsby since the ban there was lifted a fort-

night ago, arrived on Wednosday and landed 1,444 kits, which grossed enyesterday's market. 250,716. A difference in the littails of the turnout and quality of the vessel's boxed pressing were not available and bulk fish was reflected in the market demand.

Press, but the five-year-old High-quality hoxed

High-quality hoxed codstuffs averaged £43.39 per tawler was expected to top codstuffs averaged £43.39 per 13,000 from a reported 1,600 kit on Monday, but the Tues kit, including more than day kit average for the 1,000 kits of cod.

tion, but prices later went

down to the £26 minimum to

Minimum

Brettingur landed her and codling fell to £26.86. agency, which on Monday had to direct the Icelandic trader Stalvik from Grimsby in Hull because of heavy landings from the Grimsby North Sea fleets and shorrages of landing labour. The vessel landed at Hull

through agents Boyd Line first hand buyers; 170 kits and Monday's turnout of 607 went to salters.

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Fleetwood on 'knife edge' over supplies

measures to bring a solu-tion to the Fleetwood strenuous efforts would have fishing industry's to be made to attract foreign problems were held at trawlers which would help meet the burden of dock and

With the fleet now down to port dues. an all-time low, principals of the port's five big remaining companies met to find means increasing local supplies.

landings.

Peter Hewett, manager of term the port's survival the Hewett Fishing Co., suid: depends on foreign fish."

"Unless we get enough fish through the docks the joh's a meeting was the question of why page for the port's

Landings by French and lectandic vessels had sustained Fleetwood but there has been a big decrease in such leadings. frastructure. In the short

who pays for the port's gonner.

His sentiments were facilities while seven local echoed by Neil Parkes, deputrawlers are mackerel fishing ty chairman of Boston Deep in the south-west.

off shore oil rig supply ships, ferries, pleasure craft, patrol boats and life boats, to name just some Scania engines work on a high continuous power output. They're mean on fuel. Lightweight. Compact. Backed by a full and readily available after-sales service

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A small amount of the cod started off around the £40 per kit mark at the Tuesday auc-



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BUT's part-freezer Lord Nelson, back from Bear kit-sold for a total of £26,997. kit averages for Monday meluded: 143.39 for codstuffs Island and the Norway coast, Island and the Norway coast, 143.446 for 739 kits of made £23,446 for 739 kits of ud r43.80 for 180 kits of wet-tish on Tuesday. She also haddock. brought 190 tons of frozen After the discharge of Nalvik had been completed We would be interested?

correspondence from similar I wonder if my critic would extend greater sympathy towards us if his salmon nets E. McVICAR and M. J. SCOTT. 'The Cottage',

to the recent series of adver- Wonder". tisements by Dantrawi for their There are two mo new "Wingless Wonder" mid- trawl in use at the W water trawl, and your page 17 tenk in Hull on inshit article, Fishing News, October courses, where it is known 6, on the same net.

were dragged away. CHRISTOPHER BROWNE,

3 Castle Terrace,

manufacturers were working of flattery with 96in, and 108in, meshes, R. F. MATHISON The net proved very successful Borls Net Co. Life With medium-powered vessels Strichen, and is still fished in the Firth of Aberdeenshire

THIS magnificent display of fish was the centre of attention at the annual Billingsgate Harvest Featival Service, which was held in the policy of the Control of the contro in the parish church of Billingsgate, St. Mary at Hill, on October 8.

ring in the sea harvest,

The display, in the church porch, included fish of various shapes and sizes which were set against a background of nets, ropes and seaweed to remind the congregation of the men who

Fish industry representatives and civic dignitaries at the service, which was conducted by the Rev. B. A. C. Kirk-Duncan, Rector of the church, Billingsgate merchants the fish, which went to charity.

Don't cut hull costs to the bone Building and filling out a fishing boat is far from cheap,

and no fisherman worthy of the name economises on nels, equipment or electronics — they are tools of the trade. All the more jurprising then that some owners shop around for the costs, durability and even the safety of life and limb. Tyrer hulls are not cheap. But we firmly believe that they are

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Engineering.

he operation has taken nearly two years of negotiations to set up. Ken Knights of Clenham stressed that the service was open t all. "We have had excellent co-operation from the com-mercial manager of Falmouth Docks, Denis Pascoe, and we are ready to handle fish on a large scale," he said.

By Monday afternoon, the waiting Eastern Bloc factory

ships were starting to take fish from the vanguard of the Boyd fleet and *Ben Wyvis* from Aberdeen. Also on the grounds was the Irish- Green Velley - still in the money despite losing 400 kits. registered purse seiner Spes

Boyd had Arctic Challenger on the grounds and was expecting the arrival of Arctic Reiver. The big freezers Arctic Galliard and Arctic Buccaneer are also on the mackerel, but their catches are being transferred on to reviers at Millord Haven.

The Boyd operation is being directed from an eyric in the St. Michael's Hotel at Serving the interests of mal moves towards the interest in the interest interest in the interest interest in the interest interest in the interest interest in the interest in the interest in the interest in the interest interest in the interest interest in the interest interest in the intere

the St. Michael's Hotel at serving the interests of mal moves towards the Falmouth. Telex and radio telephone systems have been dustry. installed and former skipper

Mackerel From page one Most of the vessel's fishing in Cornwall has taken place off Mounts Bay and Wolfe Rock — but now the fish are moving over to the Scillies. The chaos which surrounded landings by the influx of boats last year now looks like being eased at Falmouth with the operation set up by the control of the page of the control of the contro the traw straight off the bobbins at sew white the contracting the partial for green flags, while the contracting the partial force eight westerly gale in the force Docks Engineering Company, Clepham is managing a service which offers landing facilities for up to three vessels at a time. Fish pumps have been in-Fish pumps have been installed which are able to discharge directly into waiting rail wagons. A complete back-up service is offered, installed in the cluding transhipment, berthing, repairs and fish sales. Bunkering facilities are available at an adjacent quay through Falmouth Docks Bunkering facilities are available at an adjacent quay through Falmouth Docks Expers Roger Younge to the catch during the trawl straight off the bobbins as we tried to get it on board. It was certainly the biggest single haul I've ever seen worked feverishly in difficult rolling managed to save about it was certainly the biggest single haul I've ever seen working in a struggle lasting on to the halving backet on the cod end before they could but when they retraced to the catch during the trawl straight off the bobbins as we tried to get it on board. It was certainly the biggest single haul I've ever seen while I've been pair fishing." Green Valley and her partner Geiser (Skipper Mike Clark) were working in a force eight westerly gale in the deep water between the five hours. Green Valley and her partner Geiser (Skipper Mike Clark) were working in a force eight westerly gale in the deep water between the five hours.

rails, but as soon as the crew began to lift the ground rope and bobbins the net tore

An attempt using a heavy nylon melted on the whipping

weight of fish inside the sleeve suspended from the mouth of the trawl.

They managed to get the headline in and pinned to the rails, but as soon as the crew

Positions for August:

jį P	osition Vessel	Kits	Points
11	1(1) C. S. Forester (Nev	vington)17.303.3	36,1871
IJ ·	در ک <i>ا Westella</i> (Marr)		25 RR4 5
	3(3) St. Dominic (Hamii	ng)11.863.3	25 BAN 1
	4(b) St. Giles (Hamling)		24 861 1
	o(4) Somerset Maugham	(Newington)11.639.2	22.342 (
	이 이 Koss Sirius (BUT)	R A57 R	20 278
7	/\ /) Arctic Cavalier (Box	/d)9.000 B	19.861
1 4	१८ छ। St. G <i>erontius</i> (Ham	ling)8.420.8	18,080
1	ग <i>छ। Arctic Vandal</i> (Boyd	j)	12.783
1 16	XIV) <i>Ross Altair</i> (BUT)	4 301.0	10.011
111	(111) Lord St. Vincent (B	UT)	A 672 (
) (4	(112) <i>Arctic Rebel</i> (Boyd)		3.269.
13	3(13) Ross Orion (BUT)	703.6	1,972
14	(14) Loch Eriboli (BUT).		1,391

therefore, fully entitled to take unilateral measure in conformity with the Hague Resolution," the reply says.

On the possible closure of the west of Scotland herring fishery, the Ministry says it is following ICES advice and has already pointed out to the Commission that this advice was based on data which had never included the Clyde herring stock.

"The UK cannot accept the says the commission."

"That is to say they are all interim measures which are liable to amendment in the liable to amendment

herring stock.

"The UK cannot accept the statement by the Commission that the Clyde fishery should be closed unless the UK can provide evidence that no significent damage is being done to Via herring by the fishing in the Firth of Ciyde."

The Government said it could not accede to the Commission's request not to

Norway pout box from of the allocations."

It had already informed mm mesh net for nephn; the Commission of the strong fishing, the Government is

the Commission, by other member states.

It refutes the criticism that Britain was introducing the measure in isolation at the EEC Council of Ministers meeting on September 25 and the claim that Britain could not take action by itself under the Hague Resolution of 1976.

"It is an indisputable fact that no autonomous Community measure relating to the 10 per cent by-catch could be adopted at the meeting. The UK was, therefore, fully entitled to March without specific time in accordance with ICES.

Measures to restrict fishing in the Isle of Man hemize in the

months now threatens parts of the Welsh coast following the grounding of the 58,000 ton Greek tasker Christos Bitas on rocks off Milford Haven. Lobster fishermen in Car- Grassholm and Skomer digan Bay have been advised which are nature reserves ugan bay have been advised which are nature reserves — the haul their lobster pots and the Lleyn peninsula and holiday resorts of North water is a fear that fishing gear such as topes, huoys and lines will be polluted with heavy oil to have reached polluted with heavy oil to have reached to have reach

October 20, the netober 20, 1978

AS MILFORD Haven's raditional trawler in-Wastry struggles to day ahoat, a young ex-have officer believes yest shellfish in-

lightry can be es-

political with heavy oil.

Trawlers working in the lish Sea can also expect some fouling of nets if the oil sinks after dispersion.

Fisheries officials have Fisheries officials have other parts of this scenic area. already agreed to the use of the Christos Bitas incident detergents, but efforts will be made to disperse the oil in the deeper offshore water to reduce the risk to marine life.

Pollution experts were described in the coastline of the U.K., in view of the greater average.

Pollution experts were lighting against the clock and deteriorating weather this week to stop the tanker sinking and releasing more than 30,000 tons of crude oil into the Irish Sea. the Irish Sea.

Already 5,000 tons have leaked out of the yessel's leaked out of the vessel's tanks, following her grounding eight days ago on a reef called The Barrels, four miles from the Smalls Lighthouse near Milford Haven.

The tanker, on charter to RP was selling fails ladar

The tanker, on charter to BP, was sailing fully laden from Rotterdam to Belfast when she grounded, but after her captain managed to back her off the rocks into deeper water. Christos Bitas continued her voyage northwards until the full gravity of the accident was realised.

At the time of going to Bress, the stricken tanker was still north-west of Fishguard in the centre of the Irish Sea, where her cargo

Fishguard in the centre of the lrish Sea, where her cargo was being transferred to a second vessel to which she was lashed alongside. The tanker's 18° list to starboard had been partially corrected and there was a good chance of saving her.

The pollution threat hangs diet of the surface within 30 ft. of the surface.

The British hydrographic service is seriously short of vessels, and it will cost vessels.

ports, the islands of work.

Shellfish landing base for Wales

valers off Wales.

valers off Wales.

L. Cdr. Cyril Morris (38)

L. cdr. Cy

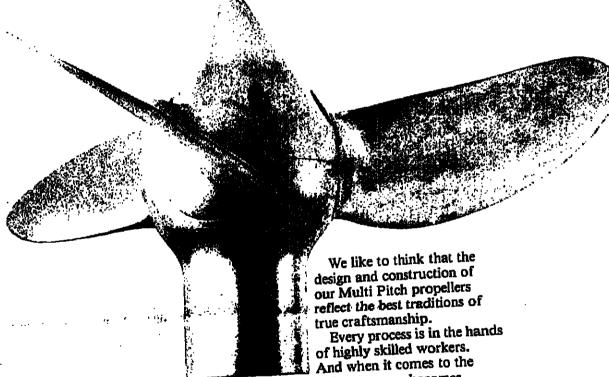
Qil spill

threat

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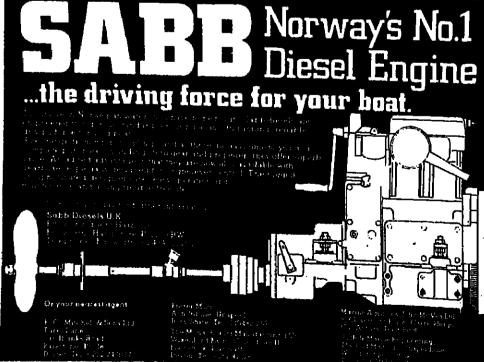
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It nad aircady informed for the fleet. It could still be some weeks before the majority of the factory ships and catcher vessels move down to Conwell. The mackerel off Mallaig are reported to be in good shape and two Japanese factory ships now flying the Irish flag are expected to sit off Scotland for three weeks more before moving south. On Tuesday the factory ships at Falmouth and the Clenham landing base wers deserted. It nad aircady informed the Commission of the strong fishing, the Government is provided the Commission of the strong during the winter months, when by-catches of white-fish of locally-owned seiners, pair trawlers and inshore the United Kingdom's measure when identical skingdom's measure when identical skingdom's measure when identical skingdom's measure when identical fishing the Commission of the strong fishing, the Government is provided the Commission of the strong during the winter months, when by-catches of white-fish of locally-owned seiners, pair trawlers and inshore former deserved to sit off for three weeks more before moving south. On Tuesday the factory ships and trawler and industrial fishing been renamed Sarah Thinnesen and will operate from Grimeby through the offices of United Seining Co. Grimsby) Ltd. as GY 385. Skipper Thinnesen's arrival mount have the Commission cannot approve by the latest advice from ICES. Skipper Thinnesen former weeks the United Kingdom's measure when identical middle sale and the substitution of the commission of the strong fishing, the Commission of the strong fishing, the Commission of the strong during the winter months, when by-catches of white-fish of or closure of the commission of the strong during the winter months, when by-catches of white-fish of or the industrial fishery. This was supported by the latest advice from ICES. Skipper Thinnesen former trawler and industrial fishing the United Kingdom's measure when identical middle sale and the Commission of the commis Diesel Engine

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COMMERCIAL scallop fishing has increased enormously during the past decade and, with natural stocks coming under increasing pressure, scientists in several countries are looking closely at methods of fishery management and ways of maintaining produc-

Several species of scallop are fished throughout the world and in some places they have given rise to 'boom' fisheries. In most cases demanches. In most cases de-mand has soon outstripped supply and collapse of the fishery has followed. Such collapse is disastrous if it has followed a big investment in fishing gear and processing facilities, so it is undesirable for this pattern to be reported for this pattern to be repeated Research workers from

different countries are now co-operating with each other as many of the problems faced are common to more than one of them. Already two international meetings to com-pare results and report progress have taken place at which the UK, Ireland, USA, Canada, France, Spain and Australia were represented.

Majority

The Soviet Union and Japan also produce scallops, the majority of which are farmed. Scallop farming in Japan has been very successful and scientists in other parts of the world are rying to adapt Japanese echniques to their own countries. Several scallop cultivaion trials are taking place in Europe, especially in Scotland and France, at pre-sent and results appear en-

ouraging.
In England, a small team | Collecting of Ministry of Agriculture, Fisheries and Food scientists

Much of the work is in the ting bags. English Channel off south Devon, where the main commercial fishery is at present based and where there are

The tiny scallop larvae drifting in the currents pass into the bags and attach to the meshes by means of sticky threads. Normally sticky threads. Normally they attach to weeds close to the seabed. Inside the bags they grow rapidly and are protected from predators, such as crabs and starfish, and from the effects of rough weather until they are too large to escape.

The spat are removed from the collecting bags in the autumn and put in trays or cages on the sea bed at coastal sites or in harbours; for overwintering, and their

overwintering, and their growth is measured and recorded. This system is

Arrangement of collecting units. Fisheries and Food scientists is studying the biology and fisheries for scallops, particularly the European employed by the Japanese. If sufficient numbers of estern suited to bottom any young scallops have a concluded that they are such a year — with hard scallop (Pecten maximus) or If sufficient numbers of estern obtained, it is culture (following a similar appeared in the collection).

sub-surface floa

Scientists collect Devon spat for:

scallop (Pecten maximus) or escallop, as it is generally called.

These studies include surveying scallop stocks with underwater television, experiments on spat collection and measurement of growth rates.

If sufficient numbers of esbetter suited to buttom any young scallops take callop spat are obtained, it is culture (following a similar process to that used for oyster bags.

The current experiment a practical system for large-scale cultivation of the essential system for large-s

Another drawback to any escallop cultivation based on natural spat production, certainly in the English Channel, is the variability of settle-

mercial fishery is at present based and where there are bays in which the scientists, working with divers, are carrying out experiments.

Most of these experiments are concerned with the production of spat. Some are designed to compare spat production from season to season and some to obtain escallop spat for growth and cultivation trials.

Samples of spat can be taken from the plankton during spring and summer by the use of traps or spat collectors are in the form of fine meshed net bags or nylon or Pollyethylene.

The tiny scallop larves.

It has also been found to be relatively easy to catch and grow to eatch and grow the queen scallop catch and grow the queen scallop catch and grow the queen scallop (Chlamys opercularis). This species usually settles in greater numbers than the larger escallop and can reach commercial size in 18 months of the natural stock. It has been suspected that in some years being run by others along the natural stocks resulting in certain year classes or age routivation than the escallop. Samples of spat can be taken from the plankton during spring and summer by the use of traps or spat collectors are in the form of fine meshed net bags or nylon or polyethylene.

The catch in the spat to recruitment levels to predict recruitment levels of the natural stock. It has been at the natural stocks resulting in certain year classes or age along in the variability of settle.

The catch in the English Channel.

At present there are th

phenomenon to be noticed at scallop spat off Devot



SALESMAN DIES Putford Deep Sea Fisheries knowledge of the trade numerous occasions.

Ltd. at the South that he sarred a reputation of the trade numerous occasions. salesmen and assistant manager of Boston

One of the most plea-sant and personable people on Grimsby fish docks,

Deep Sea Fisheries
Ltd. at the South
Humberside port, died
suddenly in France on
October 11, aged 47.

He was on a business
trip to the French fishing
port of Lorient
negotiating further landings at Grimsby of
French wet-fish trawlers
for the coming winter on
behalf of the Boston
Group.

Knowledge of the trade
that he earned a reputathat of vice-chairman of
that of vice chairman of
that of vice-chairman of
that of vice-chairman of
that of

most difficult of markets.
Off the pontoon, Mr.
Bridges was always very

She later became Boston Valiant prior to taking her present name on sale to

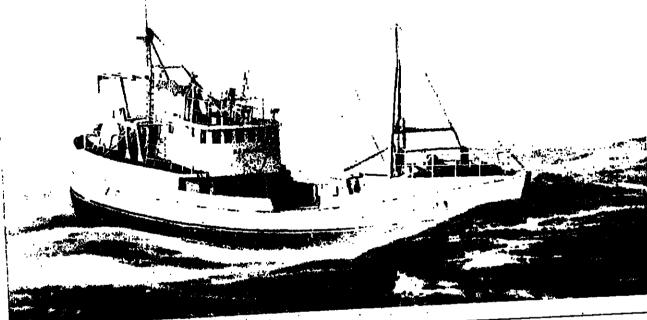
Mr. Bridges was the son of a top skipper with Ross
Trawlers, but chose a shore career with the same firm when he entered the industry on leaving school.

He made rapid progress and quickly accumulated such a vast

Mr. Bridges was the son of a top skipper with Ross
THE COLNE side trawler St. three or four trips after going that leaving serback into service before having to return to Lowestoft with engine trouble, the with engine trouble, the with engine trouble, the with engine trouble, the register at Granton and Monkleigh at Hartlepuol. Both vessels will continue as been completed after several been completed after several been completed after several stand by vessels to oil and gas rigs.

her fourth name since she was built in 1959 as Vallant

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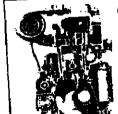
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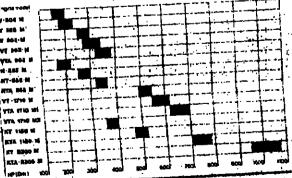
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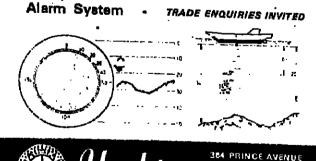
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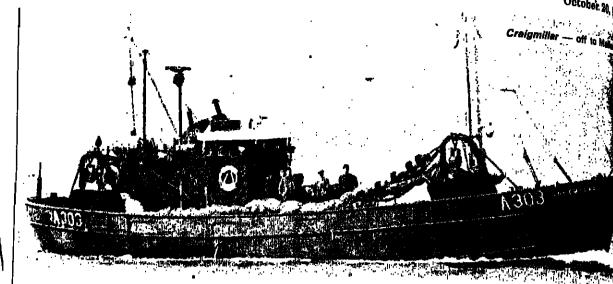
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FISHING NEWS

FLEETWOOD has lost two more trawlers from its fleet—Boston Explorer and Craigmillar. First to go was the pocket trawler Craigmillar, which had fished out of the port since 1965 after being bought from Aberdeen by J. N. Ward and Son. She then came under new ownership, but continued to Doris Newsham, Wards manager. said last week: "Her owner, Commander A. C. Hamilton from Kent, has not made a single penny from kent, has not made a single penny from ther since he bought her from us two years ago. He has reluctantly taken this step to withdraw the ship and send the sing and times are very hard for withdraw the ship and send the sing and times are very hard for with the system when click trawler in the fish docks because of local wrong with the system when continued to expensive to allow the sing to break even.

"Something is drastically the vessel for some time to dup for some time to the days, and in the North Sea. Then Ross Cheetah Then Ross Cheetah Selight's Kesteven (£10,367), and Danbrit's Dormander to middle-water grounds. Bill Raweliffe, task; manager for Boston: Fleetwood, who commands the vessel for some time to days, and with the system when the state state of the state of the

withdraw the ship and send her to Mallaig because he cannot afford, any further

"All trawlers over 60ft. in length have to be unloaded in

Fishery squadron's new boss CAPT. Nicholas Hill-Norton

ias been appointed captain of ishery protection and mine Capt. Peter Dingemans, who held the post since January, of fleet based on ships up to There is a counter-measures in place of

and times are very hard for us. There must be a question mark over ships of this size—including our own—staying at Fleetwood."

David Rainford, chairman of Fleetwood Fishing Vessel Owners' Association, said of T.

Beswhere."

The 140ft. side trawler and she proved the successful off the west of Iceland. It's a shame of

Owners' Association, said of Craigmillar's departure: "It is understandable that certain types of ship — par-ticularly the large trawlers which used to fish around Iceland — are no longer ideal for Fleetwood. But it is a tragedy when Craigmillar's class of vessel leaves because they must be the ships of the future for this port.

"Surely the time has come The handover took place this week. Capt. Hill-Norton, 39, was formerly based at the Ministry of Defence in London The interior of the control don. The job is based at ing fishing and the market Rosyth.



IT IS NOW a little over four years since Billingsgate reduced its working year from 360 days to about 300 by closing on Mondays — and none of the terrible predictions have come true.

The annual arrival tonnage is much the same (around 50,000 tons) with Tuesday the busiest day. The one real trouble has been overcrowding in the lorry park, with some latecomers being forced to brave the hazards of unloading on the traffic-busy Lower Thames Street. Nor has the congestion been eased by the need to accommodate extra Aberdeen lorries as railway re-construction forces more fish traffic on to

If there was ever evidence that Billingsgate cannot continue to operate on its present site, it is in the suicidal dashes that porters and, indeed, all of us, are forced to make through the constantly increasing heavy traffic now being directed

that porters and, indeed, all of us, are forced to make through across the front of the market.

While it is true to say that in the main the necessary adaptations to Monday closing have been made, there are individual cases where a little more organisation could have been with the complaint that Danish fish landed at Harwich early on the Monday morning in beautifully load containers were then ruthlessly stripped of their protection to be transported on open forces as individual boxes. Could not have been uplifted and their contents afforded that much more protection during transportation?

Last week the combination of a good landing of whitings at Rye on a Sunday, a failed to plant and no Monday market waste that surely could have been avoided by a little more intest the loss of almost \$1,000\$ is not enough to disturb the weekend torpor.

In the constantly increasing heavy traffic now being directed to Worthern Ireland, he "But, in view of the exceptional community of the constant problems of the local fainty community, we decided to cover most aspects of agriculture and fisheries here.

"My responsibilities include looking after Northern to catch up to 400 units of the rest of the United Kingdom. I would like to enable the skiff fasteries in the rest of the United Kingdom. I would like to enable the skiff fasteries to the United Kingdom. I would like to enable the skiff fasteries to the United Kingdom I would like to enable the skiff fasteries to the United Kingdom I would like to enable the skiff fasteries to the United Kingdom I would like to enable the skiff fasteries to the united Kingdom I would like to the content of the united Kingdom I would like to the content of the united Kingdom I would like to the content of the united Kingdom I wo



Minister Silkin (right) with *Annalong* skipper, Thomas Timble.

FISHERIES MINISTER John Silkin said last week that he is particularly concerned about Northern Irish fish

Speaking at the end of a tour of Northern Ireland, he said: "I have come to "But, in view of the entry the Government to but the said: "But, in view of the entry the Government to be said: "But, in view of the entry the companion of the entry the Government to be said: "But, in view of the entry the Government to be said: "But, in view of the entry the content to be said: "But, in view of the entry the Government to be said: "But, in view of the entry the Government to be said: "But, in view of the entry the Government to be said: "I have come to be said: "But, in view of the entry the Government to be said: "I have come to be said: "I have come to be said: "But, in view of the entry the Government to be said: "I have come to be said: "But, in view of the entry the Government to be said: "But, in view of the entry the government to be said: "But, in view of the entry the government to be said: "But,

recently the Govern

Juno best on come back trip

YORE excellent fishing on the North Sea grounds by the Grimsby fleet — MORE excellent rishing on the North Sea grounds by the Grimsby fleet—
independent outstanding trips from visiting foreigners—made sure there
is the shortage of fish at the port last week as merchants waited for
their first supplies of fish caught on the Icelandic grounds since the
interior landing ban was lifted.

working the home out of working the home out of working the home in just nine days.

which has seeing which has seeing working the home out of working the home out of working the home out of the working the home out of the working the

ianding ban was litted.

liddle-water fleet, whirlwind £12,468 with a turnniddle-water fleet, whirlwind £1

with off Scotland, again for the second week runfor the second week r

Ulla Viola (£10,892) was

Younger) and Geiser (Skipper Mike Clark) headed John Roberts) weighed in the list with a combined £35,824 through the Danbrit agency, but United's low 905 kits after 14 days. The armines were the best of the list with a combined the list with a Hugo and Peter Thinnesen)

from 905 kits after 14 days. In earnings were the best of the week by a Grimsby vessel and the big landing included just over 400 kits of coley and sust under 400 of haddocks, mostly medium.

Taylor's best came on the very last market when Yesso iskipper Peter Brown) grossed 17,121 from 620 kits of coley and haddocks after 15 days, while Tokio (Skipper Jimmy Gladwell) made a Samantha and Tino (skipper Hugo and Tino (skipper Hugo and Peter Thinnesen) were only just behind on £29,630.

Also bolstering Grimsby's several good landings by EEC vessels. By far the best was the £27,734 grossing by Marbi (O 33), a port record at Grimsby for a Belgian beamer, with 634 kits of plaice and lemons sold through the Hamling agency.

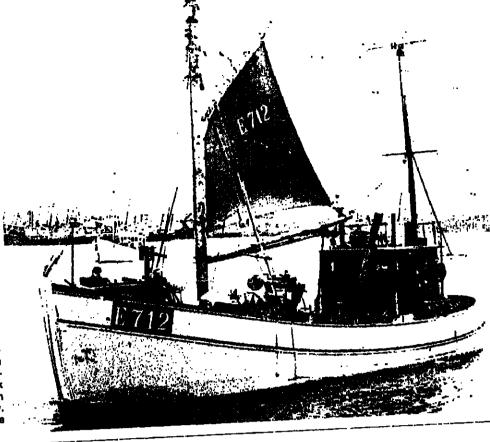
BOYD LINE'S Arctic Freebooter has regained the leadership in the British Freezer Trawler Challenge Competition after lying third for a month.

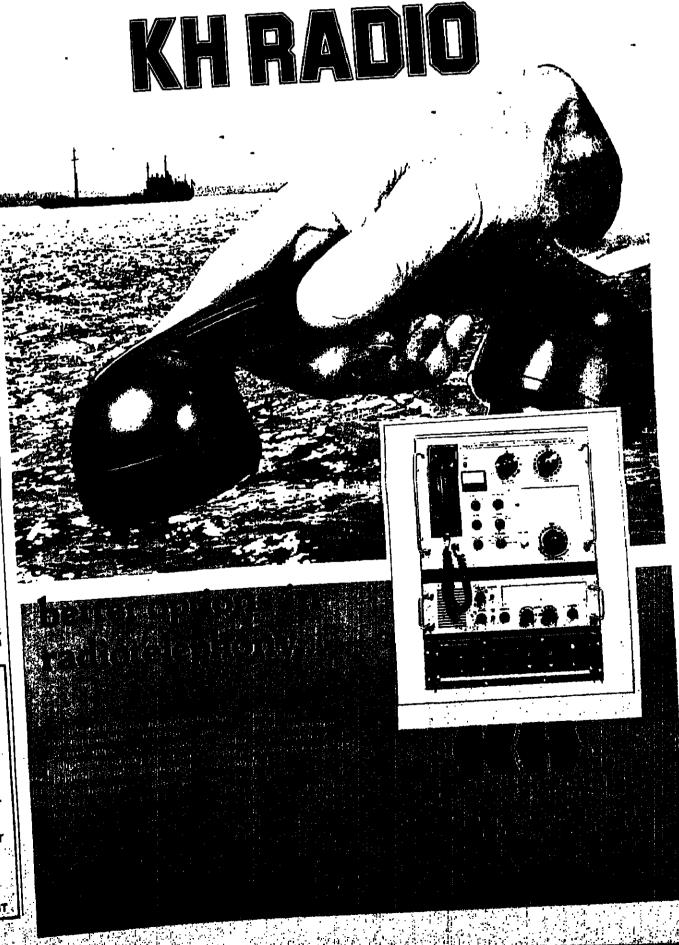
Meanwhile, Kurd has slipped to third with Pict, another BUT vessel, continuing to hold second place. Thirty-three Hull ships — 32 full freezers and the part freezer Lord Nelson — figure in the latest table issued last week which covers the situation to the end of July.

of July.

Of the 23 placings, BUT held nine, J. Marr and Son four, Boyd Line three and Thos Hamling and Co. and Boston Deep Sea Fisheries, two each
The freezer trophy top 20, with both tonnes caught and points earned (positions held in the previous monthly table appearing in brackets) are:

Tonnes Points .1426.0 19,569 1(3) Arctic Freebooter (Boyd). 1276.4 18.785 2(2) Plot (BUT). 1206.2 17,104 3(1) Kurd (BUT) 1188.4 16,799 4(11) Dane (BUT). .1181.7 16,790 1127.4 16,618 EST 5(5) Kirkella (Marr)... 6(7) Ross Illustrious (BUT). .1289.3 16,264 1083.2 15,455 EST 7(8) Roman (BUT)... 3787.2 15,360 1080.5 15,102 9(14) Aretic Buccaneer (Boyd). 10(13) Swanella (Marr) 1062.3 15,069 EST .3069.3 14,463 (6) Coriolenus (BUT) 12(9) Arctic Gallierd (Boyd) . 3835.6 14,338 13(17) St. Benedict (Hamiling) .989.3 14,190 EST 14(10) Kelt (BUT) .. ,2451.3 13,917 15(18) Princess Anne (Boston). .2170.2 13,497 16(12) Northella (Marr) 967.6 13,163 17(19) St. Jerome (Hamiling) ,2141.2 12,759 18(16) Southella (Marr)... ..2138.6 12,469 19 24 Sir Fred Parkes (Boston) 20(16) Ross Vanguard (BUT) .. 855.0 12,279 EST







Qui Vive and Juneve IV.

L. CHIP WHO BEEN

Skipper Nicol said that the hawser was found to be 600ft. long and about seven inches in diameter. It weighed about

He said: "It can't have been there for very long because we have towed those grounds for years and have

of it all be and repairs, Durissorten need of table ad by boats which have had be needed as fouling their propellers on floating Skipper Nicol has put in a claim for compensation for loss of the gear and fishing time. - GLORIA WILSON. Synthetic rope caught Synthetic rope caught round a propeller when a boat is steaming welds itself into a solid mass and so the vessel must be slipped. In the days of manilla ropes the propeller could easily be cleared by a diver in the harbour.

Debris, particularly that from oil-related activities, continues to be a severe

never found any obstacles." All Eastern Dawn's fishing gear, including bobbins and

vears a

Recalling some of the stories which appeared in our columns this week 50 years ago.

OCTOBER 20, 1928 MATE of Hull trawler Octobria killed instantly as

trawia killed instantly as trawi snags on an obstruction and dock bollard breaks. The bollard pushed him into the winch and a warp pinned him on to the drum.

ABERDEEN Town Council to discuss £104,000 plan to extend Aberdeen fish market.

ISLE of Man Fisheries Board to start giving boat loans to fishermen at 'a very moderate rate of in-

THORNYCROFT, the engine manufacturers, seinding an omnibus on a port tour to show off its products.

GERMAN steam trawler Claus Holton lands largest catch of herring this year at Floctwood. She had 1,020 boxes (300,000

TWO distant water trawiers being built for Aberdeon. The orders were placed long before local merchants complained the port's owners promote fishing to iceland.

Marigold' on a innel

IT IS always pleasant to talk to skippers who are happy with their boats. It was just over two years ago that Skipper Peter Duncan took delivery of the 80ft. steel-hulled seiner-trawler Marigold from Bideford Shipyard in North Devon. He recently told Fishing News: "She's a fantastic boat.

I have had no problems with workmanship of the Bideford For some ti

"It's a terrific machine." he said. "For the first six trips after fitting the sounder we were back in the market after only one day's fishing with catches of up to 400 boxes."

Skipper Duncan said that the sounder's main advan-tages are that it discriminates between fish and feeding stuffs, and between hard and

bove: fish and oil mix at Peterhead. Crewmen from the Buckle trawler soft ground.

Soft ground.

Marigold is one of the 400 or so white fish boats which land at Peterhead and, during the 12 months ending on September 30, this huge fleet put ashore 1,530,339 boxes Helenus mend their net near an oil rig (background) moored in Peterhead Bay Below: a big queue is building up to use the slipway, but a plan to speed-up repairs by building a roof had to be sbandoned. Seen on the slip are *Gratitude*,

which sold for £28,726,629. 11.174 boxes and, although September of the box of £18.77. Some time it has been to ry from aither to four deep, this is not satisfactor of October.

warmanship of the Bideford yard and also said that Marigold is a very good seaboat.

For some time it has been evident that the 6,000-box capacity fish market is no longer adequate. With as many as 76 boats landing in one day, it is often necessary to hold second sales which fitted with the first Marconi Koden Chromoscope K echo sounder to be installed in a Scottish vessel. This unit

box of £18.77.

For some time it has been evident that the 6,000-box fishermen's or buyers' point of view.

Work will start shortly on the erection of a 240ft. extension to the existing market. It will provide accommodation for a further 4,000 boxes and should eliminate the need for should eliminate the need for second sales.

Scheduled for completion next spring — just in time for a matter of were additional bridge.

by the weath andea

bott. wooden-hulled inshore trawler Eastern Dawn which is working out of Peterhead under Skipper Forbes Nicol extens of Fraserburgh.

Her fishing gear was ruined after becoming fouled on a huge steel hawser some five miles SE of Buchan Ness.

States News: "Our net came fast on a new fixes." ing quick trips with the help of a Chromoscope K colour acho sounder. Right: fish for second tales. A new extension should make this a thing of the past —

continues to be a severe hazard for the fleet. One of

the latest casualties was the 56ft, wooden-hulled inshore





FISH AUTHORITY TRAINING COURSES 1979

2 April

FISHING GEAR TECHNOLOGY (5 DAYS)

Week commencing

20 to 75 hp vessels* 8 January 20 to 75 hp vessels 29 January 20 to 75 hp vessels* 5 February 150 to 500 hp vessels 500 to 1000 hp vessels* 26 February 19 March 20 to 75 hp vessels 75 to 150 hp vessels* 23 April

150 to 500 hp vessels 500 to 1000 hp vessels* 1000 hp + vessels (emphasis on pelagic trawis)* 18 June

ACOUSTIC FISH DETECTION (5 DAYS)

HULL 16 January HULL PITTENWEEM PETERHEAD 23 April 11 June BUCKIE

COASTAL FISHERMEN'S ENGINEERING COURSE (5 DAYS)

FLEETWOOD 22 January FOLKESTONE 19 February NEWHAVEN 26 February PORTSMOUTH NEWLYN 2 April NORTH SHIELDS 30 April

ELECTRICS & HYDRAULICS FOR MIDDLE & DISTANT

WATER ENGINEERS (5 DAYS) HULL 12 February HULL

BUSINESS & FINANCIAL MANAGEMENT FOR FISHING VESSEL
OWNER/OPERATORS (5 DAYS)

ENGINES, ELECTRICS & HYDRAULICS FOR INSHORE 12 March FISHERMEN (5 DAYS)

PITTENWEEM PETERHEAD 4 June BUCKIE

MARINE SCIENCE FOR FISHERMEN (5 DAYS) 29 May

BUSINESS MANAGEMENT IN FISH PROCESSING & MARKETING (3 DAYS)

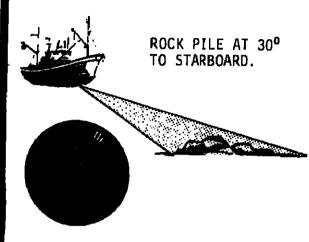
12 February FISHERIES TECHNOLOGY & MANAGEMENT (12 WEEKS)

Courses marked thus * will be held at the WFA Fisheries Training Centre in Hull. The remaining courses will be held in the WFA Mobile Training Unit at the ports indicated.

All courses except the one in business management in fish processing and marketing (fee £75) are FREE to members of the UK fishing industry. Details of fees for overseas personnel are available on request.

To:	APPLICATIO
The Training Manager, White Fish Authority,	FOR!
Industrial Development Unit, St. Andrew's Dock,	II/E
Hull, HU3 4QE Telephone: 0482-27837	VY 12
Telex: 527261	
• I would like to enrol for the course	• In
Date of course	
* Please send me more details abou	'It full formatting
nauninopoplianocuolisitate to almodipath tiennito inquite	
(* Delste as appropriate)	·.
Nume and address	
	** : * : * 4 # OF 4 : 4 = F F F F F F F F F F F F F F F F F F

on wrecks and fish marks proven bottom discrimination.



UK IMPORTERS AND DISTRIBUTORS

ENGLAND Seebourne Electronics Ltd. Freepast, Plymouth Tel: (0752) 28114/28294

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DESIGNED BY R. MITCHELL & SON



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£7,950

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Standard engine — Perkins 4.108 (7-8 knots). (ex. works, ex. tax)

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CAPSTANS LINEWHEELS NET HAULERS PUMPS

COMPLETE KITS

Reliable Power for the Inshore Fisherman

lining system

A NEW-TYPE longlining system named the TiLiner, has been developed by MARCO of Seattle, USA, for use n small and medium sized vessels.

Even though it is made a long way away, it does merit consideration if you are thinking of installing automatic equipment in a boat because it makes use of a bait cutter and bait trough, and can be worked by only

Tiliner shooting or setting been patented in Great Britain as well as in the United which is mounted close to the States, Canada and other countries. More information taffrail and incorporates a bait trough and chute, and has a brake for controlling the line. It is designed so that two spools of line, complete with snoods or branch lines, can be

amidships and to take twists out of the line as it comes in; a Seining hydraulic hauler with horizontal sheave controlled

The latter components are installed amidships practically in line with the TiUnwinder roller. The bait enough deck space to stow cutter is installed amidships adequate coils of rope.

aft of them and filled spools If the same question were

setting stand and to put a and find out whether they buoy over the stern. As you go ahead, line with snoods and hooks attached is pulled through the hait trough and particular boat.

Dansk company in Grimsby and with the stand out whether they sounder in her with a graphic "CAN YOU tell me, or tell type recorder — which would the sounder in her with a graphic type recorder — which would me where I can get, particular boat."

Though the hait trough and sounder in her with a graphic type recorder — which would me where I can get, particular boat.

Though the hait trough and sounder in her with a graphic type recorder — which would have to be weatherproof — designed for use in depths to be game fish which are to b through the bait trough and particular boat, then overboard through the If deck lay-ou



will cut fresh or partially hauling seine nets with a frozen fish of practically any small crew.
size into pieces of bait at a Equipped with Stunt-

rate of over 500 a minute. Principal component of The TiLiner system has illiner shooting or setting been patented in Great Bri-States, Canada and other countries. More information is obtainable from the Marine Construction and Design Co., 2300 West Commodore Way, Seattle, Washington 98199, USA.

Principal components for hauling are a roller designed to be mounted on the rail

I HAVE frequently been by a foot pedal; an idler arm asked by owners of boats and sheave; and a take-up power head for reeling the line on to spools.

The latest sneare controlled a saked by owners of boats and sheave; and a take-up power head for reeling the line on to spools.

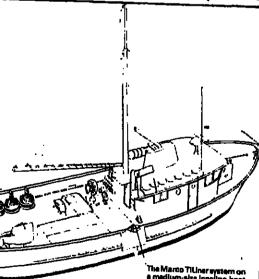
The latest sneare controlled a saked by owners of boats and sheave; and a take-up under 40ft. long whether they could use them for working seine nets.

Brand.

Procedure for shooting is to fit two spools of line on the setting stand and to put a buoy over the stern. As you go head, line with speed today, I would suggest that the inquirer gets in touch with the Anglo-and creeks.

"I HAVE an 18ft. open clinker-built wooden boat used for working lines and creeks."

I would libe to be an incompany in Grimsby and find out whether the could are cou



stands by the rail to gaff fish, to ensure that the roller is adjusted so that smoods do not wind around the line, and to manoeuvre the boat by means of germote engine and steering controls.

The other stands between hauler and power head or spooler and controls the hauling operation by means of the foot pedal. At the same time he places hooks on the spooks.

The Ticiner bait cutter is hydraulically driven and can be operated at any time. It

other countries. And pre-tically all of them are well in lustrated and described in

detail.

There are photos and descriptions of no less than is VHF radio telephones, as will as of about 30 MF and its sets. Also, particular in the sets. Also, particular in the sets. sets. Also, particulars of all sorts of aerials and earth which can be supplied for use in conjunction with them. There are also details of an unmerable communication. numerable communication and watchkeeping receiver survival and rescue radio

Other equipment listed in the 580 pages are radio direc-tion finders; radar; automatic pilots; echo sounders; sonar logs; any kind of navigational instrument, fog horn; signalling lamps and search-lights; clear view screens; any item of electrical, heating machines and a power block and/or cooking equipment; it is possible — as has been demonstrated in Denmark — anchors; inflatable liferalt; to operate a seiner with a outboard engines; steering gear; and even sets of inter Installation of such equip-

national code flags.
A feature is information ment does not, of course, mean that a boat owner who basic R/T procedure, radio rules requirements, radio in lacks experience of working seine nets can do so successfully until he has acquired the necessary skills.

Stunt-machines are made rules requirements, radio interference suppression, electrolysis and boats, radio direction finding, automatic pilotage; echo sounding and direction finding, automatic pilotage; echo sounding and

by Grenaa Smedie og Maskinfabrik A/S at Lillegade 39, 8500 Grenaa Denmark, and are sold and serviced in this country by A section, towards the end of the catalogue, on mis-cellaneous items which the company can supply is also of considerable interest. If you the Anglo-Dansk Marine should happen to want flexible fuel or water tanks, s helmsman's seat, a deckcovering material, alkaline patteries or chocks for stowing a Bruce anchor, you can get all or any of them from Celesonic Marine.

hooks attached is pulled through the bait trough and then overboard through the Chute.

Stiff brushes are fitted in the latter to ensure that baits are firmly hooked and that loose bait is not dragged overboard. Line tension during the operation is controlled by operating the brake.

When hauling one man with the firm the problem of t

So might the Necom 2028
So might the Necom 2028
Sounder which is obtainable from Neco Communications
Ltd., Enefco House, The Quay, Poole, Dorset.

So is information above. Tope, Broadbill Swordfish. North Sea Tunny, Halibut, Skate, Conger Eels, Monk and Angler Fish.

The book was first published. ed by David and Charles (Publishers) Ltd., South Devon House, Newton Abbet.

Giant gear Diesel A COPY of the latest catalogue issued by Telesonic Marine Ltd. from 248 Euston Road, "I HAVE bought a MAG London, NW1 2BT, can be Type 1057 DRT X11 diesel for my boat but it but

Devon in 1972.

catalogue

diesel for my boat but It Travelling long distances to has no gearbox and I shall major fishing ports and/or have to get one as well as exhibitions to inspect and suitable stern gear. Do

WFA adds new smaking vessels pey

FISHING NEWS

courses THE WHITE FISH Authority has announced a programme of 31 fisheries training courses for the first half of 1979. From January to June, 14 courses will be held at the WFA fisheries training centre in Hull and 17 in the mobile training unit at English and Scottish ports.

unit at English and Scottish ports.

Brixham, Buckie, and disadvantages), control glestwood, Folkestone, systems, turbo-chargers, electrical generation and disadvantages, electrical generation and disadvantages, electrical generation and disadvantages, electrical generation and disadvantages. Pittenweem Pitten weem and Portsmouth are the ports to be visited. All WFA courses are

designed to provide pracileal instruction on topics

the UK industry. Details repairs ashore. of fees for overseas per-sonnel are available on request from the WFA Industrial Development

horsepower groups. Separate courses are now provided for 20 to 75 hp; 75 to 150 hp; 150 to 500 hp; 500 to 1,000 hp and 1,000 hp plus vessels.

75 per cent of each course is spent performing ex-periments with trawl models. Fishermen attending the first two courses also cover gill netting, tangle nets and trammel nets.

Acoustic fish detection ed with fish detection equip-ment. Programme includes sounders, bottom expanders, fishlupes, net sounders and

This practical course uses sophisticated training aids to sophisticated training aids to give a firm grounding in the operation, adjustment and interpretation of modern fish detection equipment.

The ment, corporate linance, marketing management, plus planning and control. There is a business management game and lectures by guest speakers.

(14 days) and small vessel fish detection equipment.

The course is designed to give fishermen an insight into the problems of buying and maintaining small boat equipment. It also serves as a lead in to the more advanced courses in engines, electrics and hydraulics for inshore fishermen, and the other WFA course in acoustic fish detection.

appreciation of the administration of national fisheries development policies.

Much of the course to material concerns the application of fisheries application of fisheries appreciation of material involved in the administration of national fisheries development policies.

Much of the course to development policies.

Much of the course development and managed development and mana

rourses in engines, electrics and hydraulics for inshore fishermen, and the other WFA course in acoustic fish detection.

Engines, electrics and hydraulics for inshore fishermen (five days). This one is aimed at helping inshore fishermen to diagnose and rectify simple faults which comprise most of today's breakdowns in the engineroom and in small boat hydraulic systems. Covers types of engines (advantages and rotation and abundance fisheries management, fish location and abundance surveys, fishing gear technology, fish handling and technology, fish handling and preservation, fishing vessel technology, marine science and fish farming.

Further details can be obsured from the Training tained from the Training tain

and hydraulic power transmis-ports sion, winches and power blocks. Electrics hydraulics for middle and professional fishermen (five days). Similar to the last described course, except that it concentrates on care and maintenance of electrical of direct importance to distant water engineers

on involvement.

All courses — except
the one in business larger vessels. Designed to help engineers to recognise fault symptoms and imminent failures so as to reduce time lost in carrying out the IIK industry. Details Business and financial

management for fishing vessel owner/operators (five days). A new course to Courses to be held in 1979

are:

Fishing
sechnology (five days).

These popular courses have een re-graded into smaller present were groupe.

Separate

(nve days). A new course to be run for the first time at Hull in March 1979. It is designed to give the inshore vessel owner/operator a basic grounding in the financial aspects of running his vessel.

Topics to be covered include tax. depreciation, day-to-day tax, depreciation, day-to-day profit and loss accounts, an nual balance sheets, and sources of finance for new

Full use is made of the Marine science (five WFA flume tank and about days). Covers aspects of Marine science (five oceanography, meteorology, marine biology and fish behaviour relevant to fishing. Topics include ocean currents course for 20 to 75 hp vessels and tides, fish migration. are also taught net making, hanging and roping out. The fish to gear, and the effects of the marine environment on lish behaviour.

Business management in fish processing and (five days). Designed for skippers, electronics managers and others concernable with the course is designed to assist all levels of manageassist all levels of management in fish processing and ment. Programme includes fish behaviour, echo sounders, bottom expanders, fishlurar, programme includes marketing to improve personal and corporate performance in a variety of business includes and corporate performance in a variety of business includes and corporate performance in a variety of business includes and corporate performance in a variety of business includes and corporate performance in the corporate performance perfor situations. Programme in ment, corporate finance,

Coastal fishermen's engineering course (five days). A new course of particular interest to the small boat operator. Syllabus includes engines and small boat electrics (1½ days), hydraulics (1½ days) and small vessel (1½ days) and small v

material concerns the application of fisheries





"Our Detroit is the best haul we've made"

Says fisherman and trawler operator Bill Mason of Telgnmouth, Devon. "We spend an average of 100 running hours per weak at sea. Fishing is our livelihood and we need reliability for our 60' boat. The 12V71 Detroit Diesel engine is compact, powerful and extremely reliable. We have to handle some pretty rough weather sometimes and it's reassuring to know that we can depend on our engine and not worry about breakdowns.

We chose the Detroit 12V71 because we've had experience with this engine

before and we know that it's dependable and tough. What's more, its reasonably priced and the service facilities are

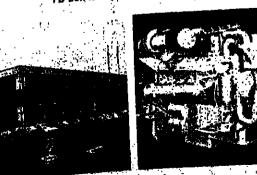
Professionals like Bill Mason know a good engine when they see one and the choice of a Detroit Diesel for his boat will bring him not only great power and economy but also the backing of the world-wide Detroit spares and service organisation.

We have a brochure giving details of the Detroit 12V71 - may we send you one?

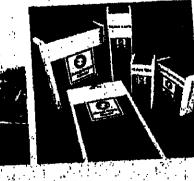




PO Box No. 6, London Road, Wellingberough, Northents NNS 201., England, Tel: 0933 71122 Telex: 31329







Death of TANK M a great trawler...

Championship winner, lies in the Draper ship-breaking yard at Hull ready for scrapping. Workmen are dismantling the side trawler Ross Trafalgar (foreground) and Somerset Maugham looks next in line for the chop.

Skipper Bill Brettell of Hull made his name in this 789-ton Beverley-built sidewinder which has been operated by Newington Trawlers since she was built in 1961. She paid for herself many times over, he said.



FISHERMEN'S MISSION **CHRISTMAS** CARD

"Good Landfall" — Mallaig

Shows in superb colour the delightful setting of this busy West Coast of Scotland fishing port. 10 for £1.00 inc. postage & VAT

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alıman, Admiral Siz Charles Madden 8T, G.C S., O.L. Secretary, J. C. Lawis Esq., O.B.F., J.P., F.C.I.S. 97 YEARS CONSTANT SERVICE TO FISHERMEN AND THEIR FAMILIES

DANTRAWL Hirtshals - Denmark

Manufacturers of all types of bottom and floating trawis, including two-boat bottom trawis, Blue Whiting gear, Shrimp trawis etc.

Dotails from U.K. Agent -HUGH NORMAN (Marine Sales) LIMITED.

Ythan Cottage, Ellon, Aberdeenshire Tel: Schives 358 (STD 03587 358)

THE White Fish Authority Industrial Development Unit has announced staff changes at its fisheries training centre in Hull following the departure of the flume tank superintendent, James Robertson, to run his own net-making company at a north-east coast port.

Jim Robertson Nets Ltd., and based at Union Road, Fish Key. North Shields.

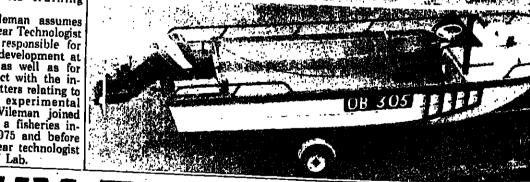
It will provide an advisory service for customers and

concentrate mainly o

demersal pair trawls.
The training centre's flume
tank will now be administered by Duncan Amos, the training manager. Mr. Amos, who joined the WFA in 1970, has played a key role in leveloping its training

the title of Gear Technologis and will be responsible for fishing gear development at model scale as well as for eneral contact with the flume tank experimental work. Mr. Wileman joined the WFA as a fisheries in-structor in 1975 and before





OFF THE HOOK

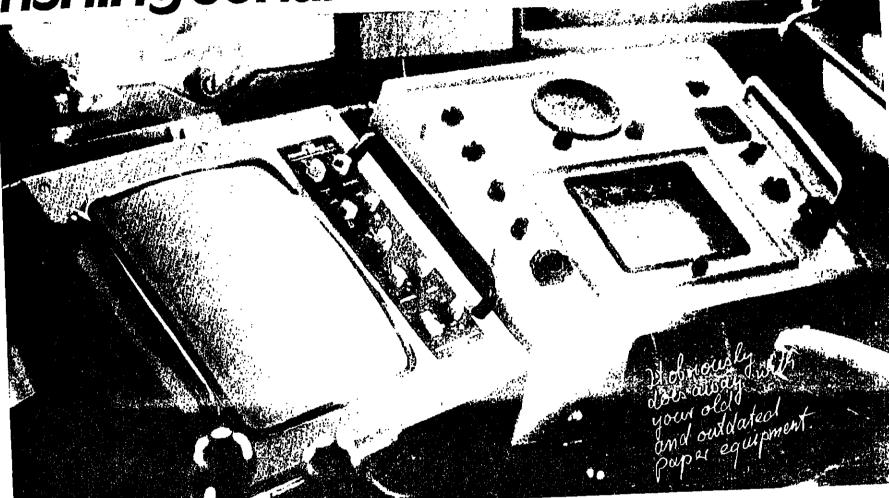
THE Norwegian Fishery
Technology Research
Institute at Bergen has
undertaken a study of the
reactions of cod and other
species to bait and hooked
lines, with a view to im
proving the catches from
long-line fishing.

However, the newlydesigned long-line has yet to
be put into production
because further parts of the
species from the hook far too
easily, adding insult to injury
making off with the expensive bait.

As part of the tests, a new
hook design has been in
troduced which has proved
far more effective in retaining
fher the initial bite. The
hook has already proved its
take the conditions which ob
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KRUPPATLAS-ELEKTRONIK

Make a £1m fortune! Here's the new profit spotting fishing sonar from KRUPP ATLAS.



New ATLAS Fishing Sonar 950

The revolutionary long range panoramic steady picture sonar. Developed to increase your catching

Read what your skipper colleagues say about it:

"Gapless and speedy searching with long range detection and instant recognition - 'I wish I'd had this fortune-sonar years earlier - and I am delighted I got it now!"

"It is like watching TV. A comfy and relaxed job." "Now success is made easier again..."

"This new sonar pays for itself much quicker than any other I have tried."

"I spotted a shoal of mackerel at 3.500 metres in 40 fms of water between six vessels."

"I'm not bothered about the KRUPP ATLAS design of the powerfull 12 beam transmission or the preformed beam receiver. All that matters to me is that the echoes displayed are fantastic!"

"Beating the searching crowd to the shoal - that's something for me!"

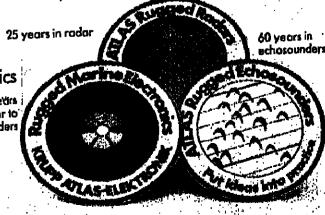
Contact Europe's most experienced specialists in rugged marine electronics for successful fish detection and 75 years safer navigation:

KRUPP ATLAS-ELEKTRONIK the fishing industry's practitioner.

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KRUPP (U.K.) Ltd. KRUPP ATLAS-ELEKTRONIK DIVISION

Unit 12 Kirkhili Place Kirkhill Industrial Estate Dyce/Aberdeenshire



AN OUTSTANDING catch of soles brought the Irish beam trawler Marrie Jacob an excellent grossing at Fleetwood last

The Howth vessel, which is skipper-owned by Gerry O'Shea, worked the Morecambe Bay grounds before heading to Fleetwood where she landed 173 kits, in-cluding more than 80 of soles, which sold for £12,700.

This was the biggest return: for the Marrie Jacob out of ier many landings at the port. in recent years. Plaice was her other main variety.



FISHING NEWS

Andree seen in Fraserburgh shortly after being bought by Skipper Ian Duthie. She is due to join in the Cornish mackerel season



From Southern Nets Ltd. A new purpose built stern trawler of timber — hard chine construction built with two layers 12mm marine ply on Iroko frames and sheathed in nylon Cascover. Forward wheelhouse — fully decked. Transom stern, flared bow, 3 water tight bulkheads. Engine beds.

owners.

together as pair trawlers.

Fraserburgh vessel Kallista,

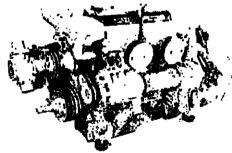
Uberous, will remain with the

Andree has a somewhat in-

Size:- 42ft. x 15ft. x 4ft. 6in. 39ft. registered. Price £19,500 Includes a steel or Iroko keel. First vessel currently under construction for Southern Nets Ltd., and delivery of four months from date of order. Choice of colour,

Further details from:— Southern Nets Ltd., Lower Cross, Udimore, Rye, Sussex.
Telephone (079.73) 3844 or 2155.

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in today's inshore fishing boats.

MERCRAFT MANUFACTURING CO. LTD. Church Street, Litlington, Nr. Royston, Herts Tel: 0763 852217/8, Sales: 0628 23862.

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Hand or power hydraulic for craft from 25ft to Power assisted conversions of h iteering gears a speciality.

1002 Winterstoke Road, Weston-Super-Mare Avon B823 3YG

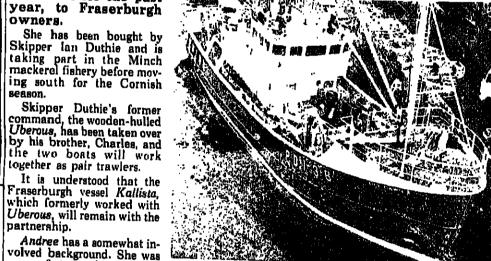
Tel: (0934) 28114. Telex: 449533 (Answerback: Wills G). Cables: Steering, Weston-Super-Mare

BOAT BUILDING TIMBERS Butts of Oak, Lerch, Iroko ell sawn through and through

 Klin dried and machined Yang Dacking and Margins.
 Complete sets Oak frames bavel sawn to your petterns. Osio spruce polas for derricks, etc. Oblivery to all parts Scotland, England and Ireland.

W. S. BARCHARD & SON LIMITED WEST DOCK STREET, HULL Tel: Hull 0482-25566 (5 lines) Telex: 52528

The Kingfisher 42 BUT SELL BRITISH United Trawlers (BUT) has sold the 86ft. Andree, which has been white fish trawling out of Aberdeen for the past



one of two sister-ships
originally ordered from the
Tyneside yard of Ryton

The 86ft. Day Dawn // has been bought by Skipper Alec Talt of calmbulg. She is seen here in Peterhead when she was fishing under her previous owner, Skipper James Talt.

Artney had been sacked and replaced by men from Hull.

Mel Keenan, T & GWU district officer in Aberdeen,

the Caley Fisheries Group. They are under construction when the Ryton yard went bankrupt in 1973. Following an abortive attempt by a Whitby yard to fit them out, they were finally completed in 1975 by BUT Engineers (Grimsby) Ltd. The original skippers pulled out of the venture and Caley Fisheries transferred the boats to its present company, BUT. For a while they worked from Peterhead and, later, switched to Aberdeen. Trawl for mackerel in pawn II and Ocean Crest were all built to designs by Tynedraft. The original skippers pulled out of the venture and Caley Fisheries transferred the boats to its present company, BUT. For a while they worked from Peterhead and, later, switched to Aberdeen. ABERDEEN skippers are very angry that the Aberdeen skippers claim

pany, BUT. For a while they worked from Peterhaed and, later, switched to Aberdeen. Both vessels are powered by Mirrlees Blackatone engines of 637 hp and are equipped with Robertson winches and net drums, plus Rapp power blocks.

Andree's sister-ship, named Troilus, is still working from Aberdeen.

Another boat on the move is the 86ft. Peterhead registered Day Daum II, which has been bought by Skipper Alec Tait of Cairnubulg, near Fraserburgh.

Huite in 1976 by Cubow Lade, of Woolwich for Skipper James Hird of the "confusion" and Larcisen of Inversions on winches and net drum, Rapp near with Mobertson of Peterhead.

Built in 1976 by Cubow Lade, of Woolwich for Skipper James Hird of the "confusion" and larrassment of trawlers in Parosee waters over mesh James Tait of Inversion on white lish out of Peterhead.

Skipper Hird bought bets on the island to "make the island to "make the sen on the island to "make the sen of the "confusion" and harrassment of trawlers in Parosee waters over mesh sengine of 600 hp and is equipped with Robertson winches and net drum, Rapp net winch and Elac fish flinders.

Skipper Alec Tait is at present in command of the 83gt.

Skipper Alec Tait is at present in command of the 83gt.

Wooden-hulled boat Dayap
The Aberdeen skippers are to a call allowed this size of the soll and the size of the 135 mm mesh tis salmost imposable to this year of the 135 mm mesh tis almost imposable to the scale trips viable. Mary skippers refuse to go back to perations of Faroses guns.

Joe McLean, secretary of the Aberdeen Trawler Officers' Guild, said it was very officers' Guild, said it was very officers' Guild, said that he would be legal.

"I would like to find out if he would be legal."

"I will like to find out if he may be a have a mesh size for foreigners, it is very unfair with maller mesh than allowed winches and net drum, Rapp net winch and Elac fish flinders.

Skipper Alec Tait is at present in command of the 83gt.

Medican the sum of the 135 mm mesh to solve the prevence of the fore frace of

delays sailing

were delayed leaving Aberdeen for the fishing grounds on Monday when crewmen staged a 24hour unofficial strike.

The trouble arose when the men heard that the sevenman crew of the trawler Glen Artney had been sacked and

Tyneside yard of Ryton Marine by Peterhead skippers in association with the Caley Fisheries Group.

They are under construction when the Ryton yard want hankrunt in 1973.

They are under construction when the Ryton yard want hankrunt in 1973.

They are under construction when the Ryton yard want hankrunt in 1973.

They are under construction when the Ryton yard burgh vessel Ocean Crest, Tynedraft.

Tynedraft.

Tynedraft.

Tynedraft.

Tynedraft.

Tynedraft.

Tynedraft. had secured sea pay for the Aberdeen men until an agreement had been reached with the owners, J. Maur (Aber-

deen) Ltd.
Talks were held between the union and the AFVOA. and it was agreed that in-coming crews would be stopped pending further

Gear firms attacking THE FIRST coordinated attack on the fielandic fishing fielandic fishing market by British market by British market by British market by British

marine equipment marine equipment manufacturers was staged at a Reykjavik hotel earlier this **British** put on

Nineteen arms took part in a mini-exhibition organised by the Fishing Division of the British Marine Equipment Council (BMEC) and supported by the British because Trade Board Overseas Trade Board.
They presented a range of products from lifejackets to propulsion systems, marine radar and refrigeration

mini-

show

There are already signs of a

Visitors to Iceland are soon

another kronur devaluation

and during a year when leelandic inflation is gallop-

ing ahead at between 50 and 60 per cent.

There were few British par-

ticipants at the end of the

show who were not glad they had come. They would also like to take part in other

They could well have to

They could well nave to wait only until next April for the next one. BMEC's Fishing Division is taking provisional hookings for a

fisheries mission to India.

The following firms took part in the BMEC Mini Ex-

hibition. Those in bold type

gave papers at the Fishing

APV Parafreeze Ltd., F. Bamford & Co. Ltd., Campbeltown Shipyard Ltd.,

Colts Engineering Co. Ltd., CompAir Reavell Ltd., Dunlop Ltd., "Fishing News."

possible resurgence of trawler building on a replacement

fishing News was there, major frozen fish markets ha<u>ve</u> stabilised. too, along with its sister-paper Fishing News Interand quarterly journal, Fish Farming Inter-

The only boatbuilder to attend was Campbettown
Shipyard, which had been
given a special invitation as a
non-member of BMEC.
The Scottish yard has a
special interest in the Icelandir market, having recently tend was Campbeltown

dic market, having recently are becoming increasingly sold four 87ft. 'compact' stern trawlers to Faroese owners. In addition to taking stand space, 11 firms gave papers at ships.
a technical Fishing Forum In the

a technical Fishing Forum
which ran with the show.
All the sessions were well
tured and the subject disattended and the subjects disrussed included how place at the time of yet thrusters, CP propellers, refrigeration, sufety at sea and radar as a lishing aid. About 300 visitors — in-duding shipbuilders, vessel owners, fishermen, freezing

plant managers, staff from the research institute, ministry of fisheries, and teachers and students from the fishing schools — attended. They looked, listened, asked questions and some talked of orders.

The two-day BMEC mini-exhibition provided a unique and valuable opportunity to get a foot in the door of what for many firms is a new market.

Speaking at the opening ceremony at the Hotel Loftleidir, Jon Arnalds, Secretary-General for the Minister of Fisheries, said that "past disputes have sometimes overshadowed co-operation; but this is over for

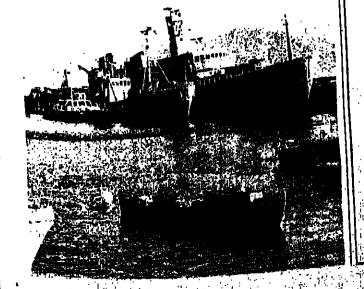
With memories of the cod war fading, Iceland is looking more to Britain for the gear and equipment she needs to maintain her network of shore-based freezing plants and her powerful fleet of modern trawlers.

With the 200-mile limit

Dunlop Ltd., "Fishing News."
Hall-Thermotank International Ltd., Hamworthy Engineering Ltd., Kelvin Hughes, Kort Propulsion Hughes, Kort Propulsion Hughes, Kort Propulsion Hughes, R. A. Lister Marine, Newage Engineers Ltd., Newage Engineers Ltd., Newage Ferguson, Pains Wessex, RFD Inflatables

With the 200-mile limit secure, her industry is on the upturn: catches are improving and prices on the "World Fishing."

Two of iceland's protection fiest at Reykjavik. Albert is seen moored alongside the much larger Odinn.





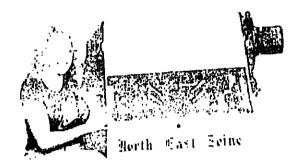
NORTH EAST HYDRAULICS, LTD.

target: supplying the icelandic fleet.

Pictured is Jon Vidalin on the

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#45

Deck Area Model 7.2 sq. ft.

9 sq. ft.

0-300 F.P.M.

Line Speed

THREE MODELS AVAILABLE

Line Pull 3,600 lb. 0-345 F.P.M. 5,000 lb.

Winch Head 2,000 lbs.

4,000 lb. 5,600 lb. 0-345 F.P.M. 8,800 lb

The North East Seine Hauler outfishes the Winch head type haulers 2-1, #65 proven in the maritime provinces of Canada.

Features over winch head models are as follows:

● Safety—does not use winch heads to haul line, only to bring the

• Self contained unit that can be also used for pot hauler, cargo winches, etc.

● Completely Hydraulic • Line colls automatically, or can be shot into line bin

Virtually no wear on line

• increases number of tows in a day

• Ali stainless steel fasteners

Units are complete with the exception of motor coupling, suction hose, and hoses from pump to valve (2 lines).

NORTH EAST HAULERS FOR POTS, TRAWLS & LONGLINES Heavy Duty 12 Inch \$1776 US \$

Standard Hauler 12 Inch --- \$805 US \$ Steel 1 Inch thick each Half

Semi-Steel 10 Gal. Per Min. Sheaves 22 Gal. Valve 15 Gal. Tank 400 Ft. Per Min. Line Speed 525 Lbs.

Pump Valve Tank Line Speed Line Pull

6 Gal. Per Min. 40 Gal. 20 Gal. 600 Ft. Per Min. 1500 Lbs.

Haulers up to 2500 Lbs. Lift and 780 Ft. Per Min.

See you at the Boston Expo, Booth 8001 Dealer inquiries welcome

TOP LANDINGS LAST WEEK

GRIMSBY Middie water

£24,532: Ross Juno, BUT (Sk. J. Roberts), 905k, W, 14 days. £22,223: Ross Zebra, BUT (sk. W. £22,223: Ross Zebra, BUT (sk. W. Salt), 683k, W. 15 days.
£21,533: Ross Cheetah, BUT (Sk. T. Ross), 865k, W, 14 days.
£20,836: Ross Kelly, BUT (Sk. B. McCall), 1,008k, W, 15 days.
£17,121: Yesso, Taylor (Sk. P. Brown), 620k, W, 15 days.

North See

£14,453: Hondo, Taylor (Sk. R. Penketh), 583k, NS, 12 days. £12,468: Tokio, Taylor (Sk. J. Gladwell), 508k, NS, 9 days. £9,398: Lofoten, Lindsey (Sk. A. Lindsey), 517k, NS, 12 days. Hatton), 217k, NS, 13 days. 15,346: Lepanto, Lindsey (Sk. C. Crow), 126k, NS, 10 days.

£11,159: Anne Scott, Jubilee (Sk. M. Dam), 282k, NS, 18 days. £10,892: Ulla Viola, Consol (Sk. E. Dam), 296k, NS, 13 days. Olesen), 250k, NS, 13 days.

1-£10,367: Kesteven, Sleight (Sk. J. Olesen), 207k, NS, 14 days.

£10,363: Arcona Bay, Chapman (Sk. E. Thomsen), 267k, NS, 14 days. 19,395: Dorny, Danbrit (Sk. P. Sorensen), 230k, NS, 15 days. 28,935: Guldborg, Consol (Sk. H. Kristensen), 203k, NS, 15 days. Kristensen), 203k, NS, 10 days. £8,536: Lena Sorensen, Chapman (Sk. B. Jensen), 229k, NS, 18 days. £8,479: Mary Ronn, Danbrit (Sk. P. Terkildsen, 236k, NS, 16 days. £7,265: Eastards, Sleight (Sk. R. Morse), 184k, NS, 17 days.

GRIMSRY

£15,003: Boston Stirling, Boston (Sk. W. Bridge) 1,008k, 11 days. £12,700: Marrie Jacob, Boston Pair team (Irish vessel), 173k. £9,955: Royalist, Hewett (Sk. A. Bedford), 215k, 14 days. £9,565: Admiral Hawke, Hewett both Caley, NS, 4 days. (Sk. H. Buckley), 217k, 14 days.

Glasgow), 491k, S, 13 days. £13,056: Birchlea, BUT (Sk. M.

(Sk. D. Bestord), 504k, NS, 15 days.

£35,824: Green Valley, £20,567: (Sk. R. Younger), 538k, and £15,257: (Sk. A. Gill), 418k, NS, 11 days.

Geiser, (Sk. M. Clark), 401k, both Danbrit, NS, 15 days.

£3,094: Arthur Harvey (Sk. F. Reynolds), 45 k, 8 days.

£4,759: Suffolk Crusader, Hobsons (Sk. A. Blowers), 451k, NS, 12 days.

£14,759: Suffolk Crusader, Hobsons (Sk. A. Blowers), 451k, NS, 12 days.

£14,759: Region Say Figure Poston land; HW home water; I losland; IS Irish Geiser, (Sk. M. Clark), 401k, both Danbrit, NS, 15 days.

£14,453: Boston Sea Fury, Boston Thinnesen), 508k, and £13,022: (Sk. V. Crisp), 370k, NS, 12 days. (Sk. J. Williams), 333k, NS, 12 days. (Sk. V. Crisp), 370k, NS, 12 d

£8,995: Burton Constable, FLEETWOOD

Homewater

£17,244: Luneda, Marr (Sk. A. Barkworth), 762k, 15 days.
£15,003: Boston Stipling B.

B. McPherson), 493 cwt, NS, 14

deen) Ltd. (Sk. J. Simpson), 356k, S. 11 days.

LOWESTOFT

S18.672: St. Patrick East Coast

LOWESTOFT

S18.672: St. Patrick East Coast

LOWESTOFT

S18.672: St. Patrick East Coast

Management 126k, 10 days.

LOWESTOFT

S18.672: St. Patrick East Coast

Management 126k, 10 days. £18,672: St. Patrick, East Coast Manson), 136k, 10 days. (Sk. D. Besford), 564k, NS, 15 days. £3,094: Arthur Harvey (Sk. F.

and Ross Zebra. Expected during the week from Westerly: Curlisle, Ross Cheetah, Ross Cougar, Ross Jaguar, Ross. No local deep water vessels expected.

MINCH WHOLESALE LTD. 3 BILLINGSGATE MARKET, LONDON E.C.3 EXPORTERS OF LIVE LOBSTERS

IF IT SWIMS, WE'VE GOT IT. IF NOT, WE'LL GET IT.
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MONDAY, (CTOBER 16
GRIMSBY
19 bouts landed a good supply of 6,775 kits, which met a good demand. Prices per stone; shelf cod, t4/c4.50; colding, £2.50/£3.30; large haddock, £4.80/£5.50; medium, £3.40/£4; small, £2.70/£3.20; large plaice, £4.80; large plaice, £4.80; large plaice, £4.80; large plaice, £4.80; medium, £3.60/£3.30; large plaice, £4.80; large plaice, £4.80; large plaice, £4.80; medium, £3.0/£3; small, £28/£30.50; dogfish, £10.

EYEMOUTH

EYEMOUTH

Prices per 7 st. kit. Round whiting, £7; medium codling, £2.80/£3.20; large lemon sole £8.20; medium, £7.

HULL

1,346 kits from two trawlers, in cluding an. lestandic part lan-

TUESDAY, OCTOBER 17

ABERDEN 27,723: Starella, Irvin (Sk. T. Johnson), 14,215kg, NS, 2 days. 26,872: Lothian Rose, Irvin (Sk. R. Clarke), 14,538kg, NS, 3 days. Description of the process of t

ABERDEEN

£20,995: Grampian Chieftain, N. Star (Sk. R. Leiper), 746k, S, 13 days.
£16,512: Milwood, J. Wood Group (Sk. T. Taylor), 624k, S, 12 days.
£14,961: Glen Coe, J. Marr (Aberdeen), (Sk. J. Simpson), 632k, S, 12 days.
£14,403: Pindarus, BUT (Sk. J. Glasgow), 491k, S, 13 days.

GRANTON

| LOWESTOFT | Council Large cod. (4.50; medium. 124/c44; codling. 122/c42; whiting. 10/c15; targe and mckerel. 13/c37; small. 13/c37; small.

targe (23.50/€34.40; medium, c31; medium plaice, £28.40, £21.80 (£25.40); small, £25; farge doglish, £11 (£11.75; small, £7.47.50.

PORT MARKETS

FRIDAY, OCTOBER 13

DUBLIN

Lists backs, mainly from Howth, Skerries and Greencastle. Main varieties were whiting and ray, which met a good demand. Prices per bis. lobster, v1.70/v18.20; prawns, 15p/30p; black sole, v1.50/v1.60; slips, 40p/45p; brill, 18p/30p; turbot, 20p/v1. place, fig. v29.65; mack halibut, c25/v1.60; slips, 40p/45p; brill, 18p/30p; codling, 12p/16p; which green and capture of the lobster, v1.70/v1.80; capture of the lobster

WEDNESDAY, OCTOBER is

A. W. BUTLER (W/Sale) Ltd.

IMPORTERS & EXPORTERS OF ALL TYPES OF FRESH OR FROZEN FISH & SHELLFISH

> PROCESSORS & DISTRIBUTORS I.Q.F. KING & QUEEN SCALLOPS

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October 20, 187 October 20, 1978

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VESSELS FOR SALE

38ft. Cornish built, p/pine on oak fishing vessel, 60hp Lister, fully quipped, ready to start work immediately. First genuine offer secures. Telephone: Mevagissey 2638.

FOR sale MB "Sealgair I"
(WK.123), registered length 58ft...)
breadth 18.5ft... depth 9.6ft. Built Insurence 1980. Vessel built ask on oak Fitted with Berliet 240hp engine, Suherland six speed winch, Beccles coller, Smallwood one ton pot hauler, wills Ridley steering hydraulic, pot hauler and winch driven by auxiliary engine. Neco auto pilot, Simrad sounder, Decca 050 radar, R/T and Seavoice VHF all boat's property. Decca Navigator Mk 21 on hire. Quantity of seins net gear and pots may be purchased with the vessel. For further details telephone Mr. R. Aittenbead, Thurso 4507. Offers in writing to John S. Duncan Ltd., Fish Mart, Wick. Telephone: Wick 2689. Using date for offers is 28th October 1978.

48' STEEL TRAWLER

Excellent conditi £40.000

or very near offer

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"EARLY DAWN" built Hinks
1959, larch on oak, 40ft. x 12ft. z 4ft.
8in. tesk wheelhouse and decks, new
fishroom. hydraulic steering, new
mizzen, mast, Seascan rader, Seavoice
VHF, Hydema power block, Decca 21
and liferaft on hire. Excellent condition, any survey. Telaphone: Penzance 3944 7-8pm. Lying Newlyn,
fishing mackerel.

BUILT 1873, 30ft. z 11ft. z 4ft. tün., carvel, iroko on oak, Perkinw 72hp capstan hauler, alter wheel-house, radar, VHF., MF ferrograph sounder, tota of extra genr, suitable for gurdies, trawling, putting, oyster-ing, angling, 19,1001 one plus VAT. Telophone Cawes 5838.

M.F.V. BUILT 1964 Dimensions: Length 69.9ft.

Beam: 20.75ft., Depth: 7.5ft. **Gross Tonnage 48.95**

Main engine Kelvin TASC 8

Steel wheelhouse and whaleback -- Northern Tool hydraulic Mastra winch — Vessel fitted with rope bins and rigged for single or pair fishing. Electronics include rented Sallor 1HH VHF, Sallor R/T, Decca Navigator, Rootes Furuno FRS 2H radar, Simrad EQ sounder, also Ship's property Simrad sounder.

Telephone: 04696 383 evenings

7 p.m.-9 p.m.

WORKBOATS. Colvic 20ft.

24ft. registered fishing boat, sound planking, reliable diesel engine, £650 ino. Telephone: Manaccan 236.

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Hull with choice of forward or aft wheelhouse £10,800
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Hull with choice of forward or aft wheelhouse £13,900

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PECKS WHARF, 400 WINCOLMLEP, HULL
Telephone: HORNSEA (04012) 2408.



Main engine Caterpillar 365hp., top overhaul 1977, auxillary engine Volvo Penta 25hp. Steel wheelhouse and whaleback, Brattvaag

winch, Rapp 24in, power block. BOATS PROPERTY: Sailor R/T and VHF, Decca 914 radar, Simrad EQ sounder, Simrad SL sonar. ON HIRE: Decos Mk 21 and plotter.

Vessel centrally heated. Rigged for side trawling. Quantity of gear to be sold with vessel.

Enquiries to Jimmy O'Donnell BURTONPORT, CO. DONEGAL.
TELEPHONE: BURTONPORT 2.

STEEL fishing boat, 30ft. x 10ft. z

3ft. x 12ft. x 3.75ft., built 1972,

3ft. sin., needs finishing off. Full inventory, compass, full set of brass and ventory, compass, full set of brass and ventory, compass, full set of brass and centory, compass, full set of brass and ventory, releflex. Pye radio, main auxilisry generators, sea toilet, anchor, mast and navigation lights, three Jabaco water pumps, hydraulic pumps, two hydraulic reduction boxes with hydraulic reduction boxes with hydraulic steering gear with wheels, force and a baronilier, gas fired fock and a baronilier, gas fired for the following forward with accommodation toilet, win Gardner dissels 6LXB, hydraulic attering, dissels 6LXB, hydraulic attering, from 380, Lister 15hp, Hydrau North Sentonic sounder, autopilot, VHF Gentronic sounder, autopilot, vivo 380, Lister 15hp, Hydrau Restors, two sets of the sounder of the form of the form of the following the form of the following t 48ft. lobster bost recently overhauled, in excellent condition. Carry 300 pots. Fully equipped. Ressonable. Warren, Wilderness, Castleoliver, Kilmallock, Co. Limerick.

evenings and wackends.

FOR sale 23ft. Sin., heavy built clinker fishing boat, pitch pine on oak, forward wheelhouse, echo sounder, forward wheelhouse, echo sounder, as mayigation lights, Petter AVA2 50 navigation lights, Petter AVA2 50 hours running aince rabuilt, 2:1 reduction, the resent fishing Galway, sounder, as present fishing Galway, sounder, a

FOR SALE BY PRIVATE BARGAIN M.B. "DAYSPRING" (FR.198)

Built of wood by J. G. Forbes & Co., Sandhavan in 1975.

Overall length: \$2.2tt. — Repletated length: 76.9ft.

Overall length: \$2.2tt. — Depth: 10.4ft.

Breadth: \$2.3tt. — Depth: 10.4ft.

Breadth: \$2.3tt. — Depth: 10.4ft.

Cottenplier 0398 engine at60hp

Gatterplier outless and usys winch. AP 26in, power block.

Abroath Mestra hydraulis seine and usys winch. AP 26in, power block.

Abroath Mestra hydraulis seine and usys winch. AP 26in, power block.

Sphp Caterplier auxiliary segine, Repp anchor windless.

Sphp Caterplier auxiliary segine, Repp anchor windless.

Equipment Hirsd: Decoa Marit 21 Newleath Decoa 1901er 350T

Equipment Owned: Decoa RM \$16 reder; Finung FR\$24 reder: Blac Lax

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SIDE TRAWLER, oak, Danish cruiser type, under 50 tons, built 1967, 73.2ft/67.9ft. × 21.1ft. x 9.5ft., Modag 280hp/500 rpm. Reintjes 1.5:1 both reconditioned 1977......£46.500

SIDE TRAWLER, osk, built 1970, 59.1ft/57.28ft. x 17.2ft. x 8.2ft. Bucksu-Wolf 270hp/500 rpm, Reintjes 1.8:1£48,700 Prices are subject to the exphange rate. Full details and photographs of the ebover and many more travilars will be sent to you upon request.

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30ft. x 1 lft. x 4ft. CRABBER, 1975, Ford 4D 60hp just overhauled. sounder, radar, radio, transom stem, refrigerated fish room£47,800 All prices negotiable, full perticulars on request of these boets

TELEPHONE: MIKE BLUNDY 022 776 579

FOR SALE MB "PERSEVERE" (LH 444)

Built of steel in 1974, lengthened in 1976.
Length overall 97ft., breadth 22.5ft., depth 11ft., main engine
800hp Mirriaes Blackstone.
The vessel is fitted with a Kermoy hydraulic winch, Kermoy
hydraulic selected the hydraulic se

The vessel is titled with a Kermoy hydraulic winch, Kermoy hydraulic seine net winch, Anchor Windless and boom swinger, a Rapp Hibs crans and 24in. power block and net drum, rope sells and deck shelter are being installed in the vessel at the moment and the sale will include this equipment. A Rapp fish pump is also fitted

on the vessel.

The vessel is fitted with all modern fishing and navigational aids, inthe vessel is titted with an modern harring and navigational aids, including Elso Mittel loder Soner and Scope.

A considerable quantity of fighting gear is to be included in the sale.

The vessel is fitted for seine net and trawl and could easily be fitted

Further details can be had by contacting MR. P. JOHNSTONE, 2 GOSFORD ROAD, PORT SETON, Telephone: 0878 812236. Offers should be ladged with CALEY FISHERIES (PETERHEAD) LTD, 11 HARBOUR STREET, PETERHEAD before 12 noon on Thursday 9th November 1978.

FOR SALE MV "UNISON" (LK 645) (FORMERLY OF BUCKIE)

Overall length 75ft., (registered (angth 69.1ft.) beam 18.5ft., built 1947 as an Admirally MFV. Gardner 200hp and steel dock house fitted new 1985. Ropo bins, fibregless whisleback and power block fitted 1973. Vessel is fitted with a Sutherland abs speed selne winch, Kelvin Hughes type 17 rader, MS29 pounder and westyltages.

A quentity of sales not gear including four Duthle nets, and 22 coits of rope can be sequired with the vessel. Decca 12, Sallor RVF and VHF on hire. Vessel has been wall maintained, has a Department of Trade fishing car-ufficuse and presently fishing from Shatland.

Inspection by arrangement with LHD Ltd., 5 Alexandra St Lerwick, Yelephone: 3768, Telex 76388.

MEV "MARY SMITH II" (KY 227)

36tt. x 14tt. 4in. x 5tt. 5in., 12.21 tone. Built by Miller St. Monance 1972. Lister. JW6 engine with 136hp fitted 1973. 1½ ton Miller hydraulic trawl winch coupled to split not drum. Equipment ownsd: Kelvin Hughes wireless, Kelvin Hughes MF 39 sounder, Seascan rader, Seavolce VHF. On hire: Decce Mk21. Quantity of gear included to rader. Vessel at present fishing from Pittenwasm. ed in price. Vessel at present fishing from Pittenweem.

For further details piesse contact;

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For sale by private bargain

M. B. CLIPPER D 330

Built of wood --- oak on oak --- 1962. Sweden. Rogistered length 79.9ft., beam 21.5ft. Engine 885hp type 528 Deutz. Winch J. W. Berg trawl winch, net drums etc. Vessel rigged for sterboard alde trawling.

For further particulars write Mr. G. Doyle, 86 Moor Road, Kilkeel, or telephone Fraserburgh 3241

> FOR SALE BY PRIVATE TREATY (SUBJECT TO WFA APPROVAL)

M.B. "ATLANTIC STAR" (PD.177)

Built of wood by Forbes, Sandhaven in 1973
Overall length 74.9tt. depth 9.2th. breadth 21th. greas tonnage 48.10.
Granne 550hp engine, 32hp Lister auxiliary engine, hydraulic winch, AF power block.
In 1977 a deck shelter and Jin. Desmi pump were fitted
Equipment hard Two Decca Ravigators Mark 21 and Dacoa Plotter, Marconi VMP.
Equipment Owned Elae schometer and fishiupe, Elae soner and soops, Seilor R/T
and VMF with diglacen. Decca 814 rader and Furuno rader.
The vessel is fully equipped for seine net and herring pair travilla desire travilla desire and approximately 28
colls of Jin. seina nat reppe, and 220 units of Hybex boxes.
The vessel, which is in excellent condition, may be inspected in Peterhead Harbour by arrangement with Arthur Melsen. 6 Eden Dilve. Peterhead — Telephone: 3844
with whom offers should be lodged in sealed envelopes or by arrangement with
Calsy Fisheries (Paterhead) Ltd., 11 Harbour Street, Peterhead. Telephone: 2414.
Closing date for offers 10th November 1978





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Built of wood J. N. Miller, St. Monance, 1968.

Length 58t., breadth 19h., depth 7.2t., tonnage 35.70. Ited Kelvin TB 240hp dingine (which underwent a major overhaul in ine 1978). Nonwinch inted forward, Miller ring net winch fitted front of heelhouse. Lossie power block (1976). Kelvin Hughes rader, MS29 Junder and flishlups, Sallor R/T., watchkeeper all boat's property. Redifon VHF and Decce Mk 12 on hire.

Vessel presently fishing but inspection can be made on application to: NORTH MINCH FISH SELLING CO. STORNOWAY, Tel: Stornoway 0851 3358 or 2738 Telex; 75227

M.B. MARITAN LH 141

Built of wood by Forbes Sandhaven 1968. Reg. length 64.1. Breadth 20.7. Depth 10. Tonnage 80.81 Reg., 42.3 Nett. Boudouin 430 Engine, New 1972 Winch, Norwinch 8 Ton Hydraulic Net Drum. Lister Aux.

Electrical Equipment — Deces Navigator Mk 12 and Plotter: Decea 202 Radar: Faruno Echometer/Fishkupa, Simrad Echometer: Sallor SSB RT: Redifon VHF.

This vessel, which has undergone a considerable overhead this year, is a typical atom trawfer with deckhouse and accommodation forward and

At present fishing and can be inspected by arrangement with the Moray Firth Fishselling Co. Ltd., 10-12 Commercial Road, Buckle, Tel. 32152 with whom all

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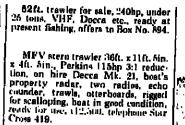
offers should be lodged.

MFV "BENITA ANN" (FY330)

Built Gerald Pears, 1974 — Dimensions 33ft. Sin. x 11ft. Sin. x 5ft. Sin. x grown trames of English oak planking on laroit, Main engine 88hp Lister replaced new 1976 at minufacturers expense. Wing engine 18th Lister, Wifit steering. Bost's property: Decca cader 10ft. Sailor VHF. Cetrak autopliot, Atlat ache sounder. Early marine line hauler and line. Bestral compass and six man liferaft new 1974.

On him: Decca 21.

Vessel at Truro;
Inepection A. J. Littlejohn, telephone: Trure 79000



25ft. Versotility built to WFA specification, 1973 Saab diesel, VHF, fishfinder, deckwash. Telephone Mr. Greening, Peazance 61506. 28ft. MFV., 50hp Petter 3:1 reduc-tion, Graph sounder, one ton winch, three trawls, doors. £4,500, offers, good survey, no time wasters. Telephone: Frinton on Sea 3241.

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48ft. oak on oak French fishing boat, 165hp Volvo with new Sett Change hydraulic gearbox, lone lining with now Sponcer Carter hauler, recent overhaul. New Sailor VHF, new Depmay scho sounder also fire ex-tinguishers aprinkler systems, literaft etc. Fibre glass fish room, steering and stern gear overhauled ready for this winters mackerel, £16,000. Telephone: Stithlans 294.

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25ft. x 0ft. x 2ft. 6in. fishing/angling bust, huilt 1972, iroko on oak, 40hp Brit International diesel 850 hours 2:1 reduction, hydraulic gearbox, forward wheelhouse, Seavoice R/T., Ferrograph sounder, licensed 10 persons. All gear, well maintained vessel, £5,000. Lying Poole. Box No. 996. 1978 28ft. Cygnus, aft wheelhouse 110hp diesel, PRM 330 2:1 reduction gearbox, vessel in excellent condition, telephone (09064) 5058 South Coast SCOTTISH built MFV "Smiling Morn", 48ft. x 16ft. x 5.6ft., no fishing gear, 51.3 Gardner, exchange narrow hoat or good car, asking £4,560 offers. Please telephone: Rotherham 862421

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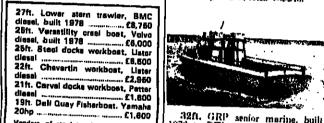
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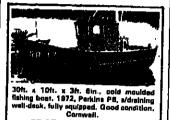
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LOCHIN 33ft. forward wheelhouse, GRP workboat built May 1978, two berth, Bedford 500 m 164 hp., Decca 650 radar, Sailor 144B VHF, Simrad EL, Mk. 21 Navigator, 350 T Plotter, Spencer Carter 1000lbs. line hauler, with capatan head, Spencer Carter 1 ton trawl winch, steel gantry and mizzen, 4 and side sheathing, legs to take ground, and many other extras ton numerous to mention, offers around 23,000, for vessel complete with all equipment, or 217,500 without electronic and hydraulic equipment, owner buying Chabbles out France, Zh. 10ft. x 4ft., lying Jersey, 3 synder Lister, 3:1 reduction. Also see 1 cylinder Lister and new proglet to sale with vessel, price £12,000 and, telephone Jersey 43909 evening.

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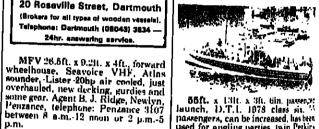
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28ft. carvol MFV, hult 1960, jr. whoelhouse, mizzen, VHF, fishfinder, 40hp BMC reconditioned April 1973, good condition, £3,500. Telephore Penzance 3040.



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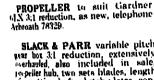
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